

## STIC Search Report Biotech-Chem Library

## STIC Database Tracking Number: 110963

TO: James Schultz

Location: CM1-12E18/11E12

Art Unit: 1635

Wednesday, December 24, 2003 Case Serial Number: 10/001,844 From: Paul Schulwitz

**Location: Biotech-Chem Library** 

CM1-6B06

Phone: 305-1954

paul.schulwitz@uspto.gov

## Search Notes

Examiner Schultz,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz Technical Information Specialist STIC Biotech/Chem Library (703)305-1954



## Schulwitz, Paul

From:

Schreiber, David

Sent:

Wednesday, December 17, 2003 11:38 AM

To:

Schulwitz, Paul

Subject:

FW: Sequence search 10/001,844

Here is a new one.

David Schreiber, Ph.D. Scientific and Technical Information Center Biotech/Chem Library CM1-6A03 703-308-4292

QM58

----Original Message----

From:

STIC-Biotech/ChemLib

Sent:

Wednesday, December 17, 2003 10:49 AM

To:

Schreiber, David

Subject:

FW: Sequence search 10/001,844

----Original Message----

From:

Schultz, James

Sent:

Wednesday, December 17, 2003 10:00 AM

To: Subject: STIC-Biotech/ChemLib Sequence search 10/001,844

Hi David,

I need to order a "length over score" nucleotide sequence search on nucleotides of SEQ ID NO:3 (1576 nt long) in the above entitled case. I need the lower and upper limits to be 8 and 50, respectively, I need those hits complementary to the 70% level, and please transfer as many hits into the excel program as possible. I do not need the interference databases searched.

Thanks, Doug Schultz

James' Douglas Schultz, PhD

AU 1635 (Biotechnology)

Patent Examiner

United States Patent and Trademark Office

CM1-12E18

703-308-9355 Office

703-746-3973 FAX

AFTER JAN. 13, 2003:

**REM 2D18** 

(571) 272-0763

rge 940 / rng 70 rni 605 / rnpb 145 /

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GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.	Run on: December 23, 2003, 16:32:52; Search time 26 Seconds (without alignments) 2.044 Million cell updates/sec	Title: Perfect score: 1576 Sequence: 1 gcgaggcagccagcgagggagagggggcgcggggaggggcc 1576	Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 0.5	Searched: 921 segs, 16857 residues	Total number of hits satisfying chosen parameters: 1842	Minimum DB seq length: 0 Maximum DB seq length: 2000000000	Post-processing: Minimum Match 0% Maximum Match 100% Listing first 940 summaries	Database : rge.seq:*	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.		Result Otery No. Score Match Length DB ID Description	1 50 3 2 50 1 bytacea	48.4 3.1 50 1 AXI46613 ACCESSION:AXI4 48.4 3.1 50 1 AXI46614 ACCESSION:AXI4 45.7 5 6 7 1 AXI46614 ACCESSION:AXI4	5 43.8 2.8 47 1 AX146609 ACCESSION:AX14 6 43.8 2.8 47 1 AX146609 ACCESSION:AX14	43.4 2.8 45 1 AX146612 ACCESSION:AX14 42 2.7 50 1 AX146615 ACCESSION:AX14	9 41.4 2.6 43 1 AX146617 ACCESSION;AX14 10 40.6 2.6 47 1 AX146611 ACCESSION;AX14	11 37.4 2.4 47 1 AX146610 ACCESSION:AX14 12 36 2.3 49 1 AR226529 ACCESSION:AR22	3 27 1.7 27 1 AX548365 ACCESSION:AXS64 27 1.7 27 1 HSA270316 ACCESSION:AJ27.3	5 1 15 24 1 AR063105 ACCESSION:1844 6 24 1.5 24 1 AR063105 ACCESSION:AR06 7 24 1.5 24 1 AR105432 ACCREGATION:AR08	18 24 1.5 24 1 AR164260 ACCESSION:ARIC 19 24 1.5 24 1 AR208932 ACCESSION:AR20	0 23.6 1.5 30 1 184401 ACCESSION:1844 1 23.6 1.5 31 1 A01419 ACCESSION:A014	22 22.6 1.4 30 1 AR242044 ACCESSION:AR24 23 22.4 1.4 32 1 A62993 ACCESSION:A629	24 22.4 1.4 32 1 AR179068 ACCESSION:ARI. 25 22 1.4 23 1 HSA270315 ACCESSION:AARI. 26 22 1.4 2.1 AVCABS ACCESSION:AARI.	22 1.4 29 1 AX548504 ACCESSION:AX55	28 2.2 1.4 2.9 1 AX41/11.2 ACCESSION.4X40, 29 19.2 1.2 24 1 AX327693 ACCESSION.4X37 3.0 19 1.2 19 1 10 1 10 154050 ACCESSION.32016	31 19 1.2 19 1 AR154254 ACCESSION; AR154254 32 18.6 1.2 25 1 AR028113 ACCESSION; AR028113 33 18.6 1.2 25 1 AR030289 ACCESSION; AR030289

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Hedgehog fusion proteins and uses
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BIOGEN, INC. (US)
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Seguence 70 from Patent WO0134654.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
13 c 20 g
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                    Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Hedgehog fusion proteins and uses
Patent: WO 0134654-A 76 17-MAY-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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Patent: WO 0134654-A 75 17-MAY-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xrefe"taxon:9606"
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Sequence 78 from Patent WO0134654.
AX146616
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Sequence 76 from Patent WO0134654.
AX146614 GI:14285007
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Hedgehog fusion proteins and uses
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     AX146613.1 GI:14285006
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                                     Homo sapiens (human)
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Best Local Similarity 98.0°
Matches 49; Conservative
                                                     Homo sapiens
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Matches 49; Conserv
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AX146616/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                     Query Match 2.6%; Score 41.4; DB 1; Length 43; Best Local Similarity 97.7%; Pred. No. 0.018; Matches 42; Conservative 0; Mismatches 1; Indels
                                      linear
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Hedgehog fusion proteins and uses
Patent: WO 0134654-A 79 17-MAY-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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/db_xref="taxon:9606"
a 10 c 14 g 11
                                 Sequence 79 from Patent WO0134654. AX146617
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AX146610
AX146610.1 GI:14285003
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Sequence 73 from Patent WO0134654.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX146611.1 GI:14285004
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                      1 GCCCGGGCAGGGGGTTCGGGAGGAGGAGCACCCCAAAAAGCTGACC 47
Query Match 2.8%; Score 43.8; DB 1; Length 47; Best Local Similarity 95.7%; Pred. No. 0.0075; Matches 45; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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Patent: WO 0134654-A 74 17-MAY-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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a _ 16 c l6 g 12
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Sequence 74 from Patent WO0134654.
AX146612
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
14 c 10 g
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AX146615.1 GI:14285008
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Unknown.
Unclassified.
1 (bases 1 to 33)
2 (bases 1 to 33)
Schalling, M., Hudson, T.J. and Housman, D.E.
Direct detection of expanded nucleotide repeats in the human genome Patent: US 5695933-A 7 09-DEC-1997;
Location/Qualifiers
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Submitted (04-OCT-1999) Surgery, Cedars Sinai Medical Center, 8700
Beverly Blvd., Los Angeles, CA 90048, US
Related entry: MO 000193.
                                                                                                                                                                                                                                                                                                                                                                      EURATYOLE, MELEZOR, Chordate, Craniate, Vertebrate, Euteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
1 (Dases 1 to 27)
Palm, K., Salin-Nordstrom, T., Levesque, M.F. and Neuman, T. Fetal and adult human CNS stem cells have similar molecular branacteristics and developmental potential
Brain Res. Mol. Brain Res. 78 (1-2), 192-195 (2000)
                                                                                                                                                                                                                                         HSA270316 27 bp DNA linear PRI 26-JUL-2)
Homo sapiens sonic hedgehog (Drosophila) homolog (SHH) antisense
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                                                 Score 27; DB 1; Length 27;
Pred. No. 3.7;
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1.7%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred, No. 3.7;
Matches 27; Conservative 0; Mismatches 0; Indels
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33 bp
36quence 7 from patent US 5695933.
184406.1 GI:3021926
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AJ270316
AJ270316.1 GI:9557893
 /note="Probe"
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Homo sapiens
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2 (bases 1 to 27)
Palm, K.
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Profilling tumor specific markers for the diagnosis and treatment of neoplastic disease
Patent: WO 0240716-A 289 23-MAY-2002;
Cemines, LLC (US)
Location/Qualifiers
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Pepinsky,R.B., Baker,D.P., Wen,D., Williams,K.P., Garber,E.A.,
Taylor,F.R., Galdes,A. and Porrer,J.
Hydrophohsolly-modified hedgehog protein compositions and methods
Patent: US 6444793-A 1 03-SEP-2002;
Location/Qualifiers
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalla, Butheria, Primates, Catarrhini, Hominidae, Homo.
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2.3%; Score 36; DB 1; Length 49;
Best Local Similarity 88.6%; Pred. No. 0.15;
Matches 39; Conservative 0; Mismatches 5; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                      Strauch, K.
Hedgehog fusion proteins and uses
Patent: WO 0134654-A 72 17-MAY-2001;
BIOGEN, INC. (US)/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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18 c 9 g
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AR226529/c
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RESULT 16 AR063105

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Unclassified.
1 (bases 1 to 30)
1 (bases 1 to 30)
Schalling, M., Hudson, T.J. and Housman, D.E.
Direct detection of expanded nucleotide repeats in the human genome Patent: US 5655931-A 2 09-DEC-1997;
Location/Qualifiers
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Unknown.

Unknown.

Unclassified.

E 1 (bases 1 to 24)

S Ingham,P.W. McMahon,A.P. and Tabin,C.J.

Vertebrate embryonic pattern-inducing proteins

Vertebrate embryonic pattern-inducing proteins

AL Patent: US 6384192-A 43 07-MAY-2002;

Location/Qualifiers
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                                                Unknown.
Unclassified.
E 1 (Dases I to 24)
S Ingham, P. W., MoWahon, A.P. and Tabin, C.J.
S Nucleic acids encoding hedgehog proteins
AL Patent: US 6271363-A 43 07-Aug-2001;
Location/Qualifiers
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1.5%; Score 24; DB 1;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 24; Conservative 0; Mismatches
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100.0%; Pred. No. 11;
tive 0; Mismatches
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Sequence 2 from patent US 5695933.
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/organism="unknown"
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AR164260.1 GI:16235331
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1 (bases 1 to 24)
Ingham, P. W., McMahon, A.P. and Tabin, C.J.
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Unclassified.
Unclassified.
1 (Dases 1 to 24)
Ingham, P.W., McMahon, A.P., Tabin, C.J., Bumcrot, D.A. and Marti-Gorostiza, B.
Nucleic acids encoding hedgehog proteins
Patent: US 6165747-A 43 26-DEC-2000;
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Pred. No. 8.5;
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Location/Qualifiers
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Sequence 43 from patent US 6165747.
AR122632.1 GI:14106949
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Sequence 43 from patent US 6271363.
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Sequence 43 from patent US 5844079.
AR063105.1 GI:5990796
                                                          0; Mismatches
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/organism="unknown"
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Matches 24; Conservative
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                        Query Match
Best Local Similarity 84.8
Matches 28; Conservative
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TITLE JOURNAL

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ACCESSION VERSION KEYWORDS SOURCE

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23 bp DNA linear PRI 26-JUL-2000 og (Drosophila) homolog (SHH) sense
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Birect Submission
Submitted (04-OCT-1999) Surgery, Cedars Sinai Medical Center, 8700
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

1 (bases 1 to 23)
Palm, K., Salin-Nordstrom, T., Levesque, M.F. and Neuman, T.
Fetal and adult human CNS stem cells have similar molecular characteristics and developmental potential
Brain Res. Mol. Brain Res. 78 (1-2), 192-195 (2000)
                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown.
Unclassified.
1 (bases I to 32)
O'un, H. and Seeger, C.
Method for generating multiple double stranded nucleic acids
Patent: US 6226143-A 5 04-DEC-2001;
Location/Qualifiers
                      Derum, H. and Seeger, C.
METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED NUCLEIC ACIDS
PATENT: WO 9720068-A 5 05-UIN-1997;
BOEHRINGER MANNHEIM GMBH (DE).
LOCATION/Qualifiers
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                                                                                           /organism="unidentified"
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 30 c 2 g 0
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Sequence 5 from patent US 6326143.
AR179068
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Homo sapiens sonic hedgehog
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AJ270315.1 GI:9557892
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Matches 26; Conserv
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AR179068/c
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Unclassified.
1 (bases 1 to 30)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: Us 6472154-A 332 29-OCT-2002;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                        Length 31;
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86.7%; Pred. No. 14;
live 0; Mismatches 4;
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/organisme="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 20 c 10 g c t
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Sequence 332 from patent US 6472154.
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Location/Qualifiers
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Pred. No. 20;
0; Mismatches
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Sequence 5 from Patent WO9720068.
A62993.
A62993.1 GI:3716865
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9 c 20 a
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AR242044.1 GI:27287856
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86.2%;
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artificial sequences.
1 (bases 1 to 31)
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A01419.1 GI:344347
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Best Local Similarity 86.2
Matches 25; Conservative
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Best Local Similarity 86.7
Matches 26; Conservative
26; Conservative
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A01419/c
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PAT 07-JAN-2002
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Derivation of midbrain dopaminergic neurons from embryonic stem
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PACENT: WO 0183715-A 29 08-NOV-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (UE
Lee, Sang-Hun (KR); Lumelsky, Nadya (US); Studer, Lorenz (US)
MCKay, Ron D. G. (US)
Location/Qualifiers
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                                                                                            Length 29;
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Anglogenesis-modulating compositions and uses
Patent: WO 0198144-A 37 27-DEC-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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/organism="synthetic construct"
/organism="synthetic construct"
/oll type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"
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/db_xref="taxon:32630"
                                                                                            DB 1;
. 25;
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1.4%; Score 22; DB 1;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 22; Conservative 0; Mismatches (
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1.4%; Score 22; DB
Best Local Similarity 100.0%; Pred. No. 25;
Matches 22; Conservative 0; Mismatches
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Sequence 29 from Patent WO0183715.
AX327693
AX327693.1 GI:18098024
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Sequence 37 from Patent WO0198344.
AX417112
AX417112.1 GI:21449699
/mol_type="genomic DNA"
/db_xref="taxon:9606"
_14 c 5 g
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AX417112/c
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AX327693
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Profiling tumor specific markers for the diagnosis and treatment of
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                             | Docasion 
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/mol_type="genomic DNA"
/mol_type="genomic DNA"
/nofe="probe"
Beverly Blvd., Los Angeles, CA 91048, US Related entry: NM 000193.
Location/Qualifiers
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1.4%; Score 22; DB 1;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 22; Conservative 0; Mismatches
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Patent: WO 0240716-A 288 23-MAY-2002;
Cemines, LLC (US)
Location/Qualifiers
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Hedgehog fusion proteins and uses
Patent: WO 0134654-A 36 17-MAY-2001,
BIOGEN, INC. (US)
Location/Qualifiers
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Sequence 288 from Patent W00240716.
AX548364.1 GI:25813398
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Sequence 36 from Patent WO0134654.
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/organism="Homo sapiens"
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AXI46574.1 GI:14284967
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
      1 (bases 1 to 25)
Asgari,M., Blick,M., Bresser,J., Cubbage,M.Lee. and Prashad,N. Amplification of mRNA for distinguishing fetal cells in maternal
                                                                                                                                                                                                                                                                                                                                                                                                      Unclassified.

1 (bases 1 to 25)
Asgari,M., Blick,M., Bresser,J., Cubbage,M.Lee. and Prashad,N.
Intracellular antigens for identifying fetal cells in maternal blood
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Aeomica, Inc. (US)
Location/Qualifiers
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84.0%; Pred. No. 85;
ive 0; Mismatches
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Location/Qualifiers
                                                                    Patent: US 5858649-A 3 12-JAN-1999;
Location/Qualifiers
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Sequence 3 from patent US 5861253.
AR030289
AR030289.1 GI:5943503
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/ a 9 c 16 g
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/organism="unknown"
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Homo sapiens
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Best Local Similarity 84.0°
Matches 21; Conservative
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AX689173
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Unknown...
Unknown...
Unclassified.
1 (bases 1 to 19)
1 thaba, A.Ruizi.
Altaba, A.Ruizi.
Astronioma
Basal cell carcinoma
Patent: US 6238876-A 9 29-WAY-2001;
Location/Qualifiers
                                                                                                                                                                                             Unknow...
Unknown...
Unclassified.
I (bases 1 to 19)
Altaba, Avuizi.
Altaba, Avuizi.
Methods and materials for the diagnosis and treatment of sporadic basal cell carcinoma
Patent: US 6238976-A 5 29-MAY-2001;
Patent: US 6238976-A ...
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100.0%; Pred. No. 67;
cive 0; Mismatches 0; Indels
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Sequence 3 from patent US 5858649.
AR028113
AR028113.1 GI:5940086
                                                                                                            19 bp
Sequence 5 from patent US 6238876.
AR154250
AR154250.1 GI:15122303
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Sequence 9 from patent US 6238876.
AR154254 AR1542307
               342 GGAAGATCTCCAGAACTCCGAGC 365
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/organism="unknown"
a 5 c 5 g
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Unknown. Unknown.

RESULT 32 AR028113 LOCUS

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AUTHORS TITLE

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RESULT 31 AR154254 LOCUS

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RESULT 35 142108 LOCUS

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PAT 31-MAR-2003
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1 (bases 1 to 25)

Momoi,r., Kumagai,H., Higashida,H. and Hama,Y.

PROTEIN DERIVATIVE, GENE CODING FOR THE PROTEIN AND PRODUCTION OF THE PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
                                                                           Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
Homo sapiens (human)
Amos sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                             Patent: EP 1281758-A 1906 05-FEB-2003;
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Sequence 1907 from Patent EP1281758.
AX689175
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Best Local Similarity 87.0%; Pred. No. 99;
Matches 20; Conservative 0; Mismatches
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_txsf="taxon:9606"
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JP 1998215867-A/3.
unidentified
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E16681/c
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AX689175
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Unclassified.
1 (bases 1 to 25)
Asgari,M., Blick,M., Bresser,J., Cubbage,M.L. and Prashad,N.
Asgari,M., Blick,M., Bresser,J., Cubbage,M.L. and Prashad,N.
Britching and identifying fetal cells in maternal blood for in situ
hybridization
Patent: US 5629147-A 3 13-MAY-1997;
Location/Qualifiers
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     DB 1; Length 25;
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Synthetic triple helix-forming compound precursors
Patent: US 5844110-A 6 01-DEC-1998;
Location/Qualifiers
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Sequence 1906 from Patent EP1281758.
AX689174.1 GI:29411882
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Sequence 3 from patent US 5629147.
142108.
142108.1 GI:2467603
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/organism="unknown"
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Matches 21; Conservative (
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1 (bases 1 to 24)
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Palm,K.
Profiling tumor specific markers for the diagnosis and treatment of neoplastic disease
Patent: WO 0240716-A 157 23-MAY-2002;
Cemines, LLC (US)
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Sakurada,K., Palmer,T. and Gage,F.H.
Regulation of tyrosine hydroxylase expression
Patent: US 6312949-A 24 06-NOV-2001;
Location/Qualifiers
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Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_Xref="taxon:32630"
/note="oligonucleotide primer"
/ c 9 g 5 t
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="probe"
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Sequence 7 from Patent WO02094123.
AX616896
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/organism="unknown"
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                                       Artificial sequences.
JP 1998215867-A/3
18-AG7-1998
MOMOI TAKASHI, KUMAGAI HIROMICHI, HIGASHIDA HIDEKI, HAMA YUKO
C12N15/09, C07K14/52, C07K16/24, C12N1/19, C12P21/02, C12P21/08, PC
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Unknown.
Unclassified.
1 (bases 1 to 18)
Altaba,A.Ruizi.
Nethods and materials for the diagnosis and treatment of sporadic besal cell carcinoma
Patent: US 6238876-A 6 29-MAY-2001;
Location/Qualifiers
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/organism='Artificial sequences'.
Location/Qualifiers
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1.1%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 18; Conservative 0; Mismatches 0; Indels
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 Patent: JP 1998215867-A 3 18-AUG-1998;
ASAHI GLASS CO LTD
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Sequence 24 from patent US 6312949.
AR177692.1 GI:17920047
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Sequence 6 from patent US 6238876.
AR154251
AR154251.1 GI:15122304
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key Location
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1 (bases 1 to 21)
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AR177692/c
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AR154251/c
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Bonini,J.A., Borowsky,B.E., Adham,N., Boyle,N. and Thompson,T.O.
Methods of identifying compounds that bind to SNORF25 receptors
Patent: US 6468756-A 12 22-OCT-2002;
Location/Qualifiers
                                                                                                                   Jones, D.H.
Methods for removing primer sequences and blocking restriction endonuclease recognition domains
Patent: US 6190889-A 31 20-FEB-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 24)
Jones, D.H.
Iterative and regenerative DNA sequencing method
Patent: US 6258533-A 31 10-JUL-2001;
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Sequence 12 from patent US 6468756.
AR240225
AR240225.1 GI:27285302
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Sequence 31 from patent US 6258533.
AR161892 AR161892.1 GI:16228893
Sequence 31 from patent US 6190889.
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/organism="unknown"
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AR161892/c
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Query Match
1.1%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 4; Indel8
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Jones, D.H.
Iterative and regenerative DNA sequencing method
Patent: US 5858671-A 31 12-JAN-1999;
Location/Qualifiers
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Sequence 1904 from Patent EP1281758.
AX689172.1 GI:29411880
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Sequence 31 from patent US 5858671.
AR028416
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/mol_type="genomic DNA"
/db_rref="taxon:9606"
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/organism="unknown"
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Location/Qualifiers
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Best Local Similarity 82.6
Matches 19; Conservative
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Best Local Si
Matches 20;
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AR130926/c
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Description of Artificial Sequence: 3' oligonucleotide primer
for PCR
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                                                                         Unclassified.
1 (bases 1 to 18)
Peak, I.Richard.Anselm., Jennings, M. Paul. and Moxon, E.Richard.
Surface antigen
Patent: US 6197312-A 23 06-MAR-2001;
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1.0%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 94.4%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="qenomic DNA"
/db_xref="taxon:32630"
a 6 t
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Sequence 23 from patent US 6197312.
AR137168
AR137168.1 GI:14478677
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/organism="unknown"
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AX537662/c
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BD136502/c
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Profiling tumor specific markers for the diagnosis and treatment of neoplastic disease
Parent: WO 0240716-A 284 23-MAY-2002;
Cemines, LLC (US)
Location/Qualifiers
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1.1%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels
Query Match 1.1%; Score 17.2; DB 1; Length 24; Best Local Similarity 86.4%; Pred. No. 1.4e+02; Matches 19; Conservative 0; Mismatches 3; Indels
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Gold, B.I.
Synthetic triple helix-forming compound precursors
Patent: US 5844110-A 6 01-DEC-1998;
Location/Qualifiers
                                                                                                                                         linear
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="Probe"
                                                                                                                                         DNA
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Sequence 284 from Patent WO0240716.
AX548360
AX548360.1 GI:25813394
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Sequence 6 from patent US 5844110.
AR063245.1 GI:5990936
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/organism="unknown"
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artificial sequences.
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AR137168/c
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AX548360/C
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AR063245/c
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Unclassified.
1 (bases 1 to 21)
Marson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 55 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown.
Unclassified.
Unclassified.
Unclassified.
Matson.R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 52 09-NoV-1999;
Location/Qualifiers
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1.0%; Score 16.4; DB 1; Length 2
Best Local Similarity 94.4%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
Vaughan,T.J., Wilton,A.J. and Smith,S.
Human antibodies against eotaxin and their use
Patent: WO 1065784-A 13 13-SEP-2001;
Cambridge Antibody Technology Limited (GB)
Location/Qualifiers
                                                                                 1..21
/organisme"synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="primer"
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Sequence 55 from patent US 5981185.
AR084566
AR084566.1 GI:10011337
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a 14 c 7 g
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14 c 7 g
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AR084563.1 GI:10011334
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AR084563/c
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AR084566/c
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                                                                                                                          Heiskala,M.
Method for detecting reg-like protein and nucleic acids coding
therefor
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1.0%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
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/organism="gynthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:22630"
/noTe="Artificial"
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ANIMAL GENE THERAPY
Patent: WO 9635793-A 1 14-NOV-1996;
IMMUNOYA (CA)
Other publication AU 5641696 961129.
Location/Qualifiers
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                                                                                                                                                                       Patent: EP 1241269-A 12 18-SEP-2002;
Ortho-Clinical Diagnostics, Inc. (US)
Location/Qualifiers
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Sequence 13 from Patent W00166754.
AX244168
AX244168.1 GI:15859223
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Sequence 1 from Patent W09635793.
A58260
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
    Sequence 12 from Patent EP1241269
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AX537662.1 GI:25269615
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AX244168
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PAT 01-SEP-2000
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Unknown.
Unclassified.

1 (bases 1 to 21)

Bergan, R. and Neckers, L.
Inhibition of protein kinase activity by aptameric action of oligonucleotides
oligonucleotides
Patent: US 5998856-A 11 07-DBC-1999,
Location/Qualifiers
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Unclassified.
Unclassified.
I Lo 21)
Matson. S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 71 09-NOV-1999;
Location/Qualifiers
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85.7%; Pred. No. 1.9e+02;
ative 0; Mismatches 3;
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1.0%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 3;
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  Patent: US 5981185-A 68 09-NOV-1999;
Location/Qualifiers
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Sequence 71 from patent US 5981185.
AR084582 1 GI:10011353
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7 c 14 g
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Best Local Similarity 85.7
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Unclassified.
1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5891185-A 67 09-NOV-1999;
Location/Qualifiers

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Unclassified.
1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
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1 (bases 1 to 21)
1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 56 09-Nov-1999;
Location/Qualifiers
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Sequence 68 from patent US 5981185.
AR084579
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Sequence 67 from patent US 5981185.
AR084578.1 GI:10011349
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7 c 14 g
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AR084578/c
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AR084567
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PAT 29-SEP-1999
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Jones, D.H.
Methods for removing primer sequences and blocking restriction endonuclease recognition downins
Patent: US 6190889-A 32 20-FEB-2001;
Location/Qualifiers
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1.0%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
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Iterative and regenerative DNA sequencing method Patent: US 5858671-A 32 12-JAN-1999;
Location/Qualifiers
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85.7%; Pred. No. 2e+02;
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Seguence 35 from patent US 5858671.
AR028420
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Sequence 32 from patent US 6190889.
AR130927
AR130927.1 GI:14119252
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Unclassified.
1 (bases 1 to 22)
Jones, D.H.
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Best Local Similarity 85.7 Matches 18; Conservative
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AR130927
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1.0%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
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1.0%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
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unclassified.
1 (bases 1 to 22)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9813904-A 817 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 22)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 085579-A 817 05-AUG-1998;
BIOGNOSTIK GES (DE)
Location/Qualifiers
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         22 bp | Sequence 817 from Patent WO9833904. A88669
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                       A88669.1 GI:6737239
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Unclassified.
1 (bases 1 to 22)
Jones, D.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unidentified
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AR028417
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A90636
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E 1 (bases 1 to 22)
Schlingensiepen,K.H. and Brysch,W.
Schlingensiepen,K.H. and Brysch,W.
Schlingense oligonucleotide preparation method
An antisense oligonucleotide preparation method
Balconcertr (RESELLSCHARFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
BIOMOSTIK (RESELLSCHARFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNARDWN
D 70-AUG-2001
PP 30-7AN-199 BP 1998532533
PR 31-7AN-1997 BP 97101531.8
PR 31-7AN-1997 BP 97101531.8
PR 31-7AN-1997 BP 97101531.8
PR 31-7AN-1997 BP 97101531.8
CC TALABRAMNN SCHLINGENESEPEN, WOLFGANG BRYSCH
PC CLEXES/11, COTHAL/O4, ASIRS1,70
CC An antisense oligonucleotide preparation method FH Ke
                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown
JP 2001511000-A/817
O7-AUG-2001
30-JAW-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, AGIK31/70
An artisense oligonuclectide preparation method FH
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                                              Score 16.2; DB 1; Length 22; Pred. No. 2e+02;
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By 200157286-A/14.

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences.

I (bases I to 23)

I (bases I to 23)

Bacho, H. and Kanai, Y.

Amino acid transporting protein and gene thereof

Patent: JP 200157286-A, 14 13-JUN-2000;

SCIENCE & TECH AGENCY

OS Artificial Sequence

PN JP 200157286-A/14

PD 13-JUN-2000

PF 02-5EP-1999 JP 1999248546
                                                                                                                                                                                                          An antisense oligonuclectide preparation method. BD066182
BD066182
JP 20151100-A/817.
unidentified
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Amino acid transporting protein and gene thereof.
E41382
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Location/Qualifiers
                                                                               0; Mismatches

    ..22
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

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 /organism="unknown"
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Best Local Similarity 85.7%;
Matches 18; Conservative
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Matches 18; Conserv
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                 SASE COUNT
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BD066182
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                                  PAT 16-MAY-2001
                                                                                                                                                                                         Methods for removing primer sequences and blocking restriction endonuclease recognition domains
Patent: US 6190889-A 35 20-FBB-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 22)
S Jones, D.H.
Iterative and regenerative DNA sequencing method
AL Patent: US 628533-A 35 10-JUL-2001;
Location/Qualifiers
1. .22
                                    linear
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Iterative and regenerative DNA sequencing method
Patent: US 628833-A 32 10-JUL-2001;
Location/Qualifiers
                                    DNA
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85.7%; Pred. No. 2e+0
ive 0; Mismatches
                           22 bp 1
Sequence 35 from patent US 6190889.
AR130930
AR130930.1 GI:14119255
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AR161896
AR161896.1 GI:16228901
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AR130930/C
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AR161893
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PAT 10-APR-2003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown.
Unknown.
Unclassified.
1 (bases 1 to 20)
1 krieg, A.M., Davis, H.L., Wu, T. and Schorr, J.
Krieg, A.M., Davis, H.L., Wu, T. and Schorr, J.
Vectors and methods for immunization or therapeutic protocols
Vectors and vect
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Pred. No. 2.2e+02;
0; Mismatches 2; Indels
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89.5%; Pred. No. 2.2e+02;
cive 0; Mismatches 2; Indels
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                                                                                     Query Match 1.0%; Score 15.8; DB 1; Length 2
Best Local Similarity 89.5%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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Bennett, C.F. and Cowsert, L.M.
modulation of calreticulin expression
Patent: US 6426220-A 46 30-UUL-2002;
                                                                                                                                                                                                                                                                                                                                               DNA
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Sequence 46 from patent US 6426220.
AR221407
AR221407.1 GI:23328457
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Sequence 57 from patent US 6339068.
AR182885
AR182885.1 GI:20226092
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/organism="unknown"
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                          /organism="unknown"
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Matches 17, Conservative
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AR221407/c
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AR182885
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1 (bases 1 to 20)

1 (bases 1 to 20)

Bennett,C. Frank. and Vickers,T.A.

Oligonucleotide compositions and methods for the modulation of the expression of B7 protein

expression of B7 protein

Patent: US 6319906-A 26 20-NOV-2001;

Location/Qualifiers
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Bennett, C.Frank. and Vickers, T.A.
Oligonucleotide compositions and methods for the modulation of the expression of B7 protein
Patent: US 6077933-A 26 20-JUN-2000;
Location/Qualifiers
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                                                                                                             GO1N33/566,
PC
GO1N33/577//C12P21/08, (C12N15/09, C12R1:91), (C12N5/10, C12R1:91), PC
                                                                                            Я
PR

PI HITOSHI ENDO, YOSHIKATSU KANAI

PC CIZNIS/09,A01K67/027,A61K31/711,A61K39/395,A61K39/395, PC

A61K48/00,A61P35/00,

PC CO7K14/705,C07K16/28,C12NS/10,C12Q1/02,C12Q1/68,G01N33/53,
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FH Key Location/Qualifiers
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1.0%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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1.0%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                   1.23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 26 from patent US 6319906.
AR178780
AR178780.1 GI:20219918
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Sequence 26 from patent US 6077833.
AR099499
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/organism="unknown"
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AR178780/C
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b bucesy's because the buces of the treatment of LPS-associated disorders artificial sequences.

Synthetic construct artificial sequences.

In (bases 1 to 20)

Sochwartz,D.A. and Krieg,A.M.

Use of nucleic acids containing unmethylated CPG dinucleotide in the treatment of LPS-associated disorders

L patent: JP 201513776-A 65 04-SEP-2001;

UNIVERSITY OF IOWA RESEARCH FOUNDATION

OS Artificial Sequence

PN AP 2001513776-A/65

PN AP 201513776-A/65

PN AS-FEB-1998 JP 1998637810

PR 25-FEB-1997 US 60/039405

PI DAVID A SCHWARTZ,ARTHUR M KRIEG

PC AGIK49/00,COTH21/02,COTH21/04,A01N43/04

CC Synthetic oligonucleotide
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BD065976
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1. .20 /organism="synthetic construct" /organism="synthetic construct" /mol_te="genomic DNA" /db xref="taxon:32630" /note="Synthetic oligonucleotide-phosphodiester backbone" /note="Synthetic oligonucleotide-phosphodiester backbone" a
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1.0%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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/mol type="genomic DNA"
/db xref="taxon:32630"
/note="Synthetic Sequence"
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Sequence 243 from Patent W002053141.
AX547104
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Immunostimulatory nucleic acids
Batent: WO 0122972-A 243 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
GmbH (DE)
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Methods for enhancing antibody-induced cell lysis and treating
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Best Local Similarity 89.5%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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tive 0; Mismatches 2; Indels
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers

    .20
    /organism="synthetic construct"
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/db_xref="taxon:32630"

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Patent: US 6503152-A 147 07-JAN-2003;
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Sequence 410 from Patent WO0197843.
AX355382
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Sequence 243 from Patent W00122972,
AX104051
AX104051.1 GI:13920248
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AR271204.1 GI:29702507
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AX355382
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AX104051
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                       Homo sapiens
Bukaryota; Netazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarfhini; Hominidae; Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1005 15-MAR-2001;
WHITEREAD INSTITUTE FOR BLOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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1.0%; Score 15.8; DB 1; Length 21;
81.0%; Pred. No. 2.2e+02;
rative 1; Mismatches 3; Indels
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                                                                                                                                                                                                       linear
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Patent: Wo 0134840-A 422. I7-MAY-2001;
GLAXO GROUP LIMITED (GB); Affymetrix, Inc. (US):
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Sequence 1005 from Patent WO0118250.
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Sequence 422 from Patent WO0134840.
AX146231
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
1. _21
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/organism="Homo sapiens"
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                                                                              1484 IGGCICCIGGACAGCGAGGCC 1504
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AX095827.1 GI:13512054
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Homo sapiens
   Query Match
Best Local Similarity 81.0
Matches 17; Conservative
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Homo sapiens
Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidee; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unknown.
Unknown.
Unclassified.
1 (bases 1 to 21)
Agrawal,B. and Longenecker,B.Michael.
Agrawal,T.cell activation and treating disorders associated with T-cell dysfunction
Patent: US 6114129-A 11 05-SEP-2000;
Location/Qualifiers
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 170 IS-MAR-2001;
WHITEREAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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               ce 1..20 /organism='Artificial Sequence'. Location/Qualifiers
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1.0%; Score 15.8; DB 1; Length 21
Best Local Similarity 89.5%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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     Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
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Sequence 11 from patent US 6114129.
AR109586.1 GI:12825862
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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1 (Asses 1 to 17)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 818 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                  unidentified
unidentified
unclassified.
1 (bases 1 to 17)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLEDOTIDE PREPARATION METHOD
Patent: WO 9833904-A 818 06-AUG-1998;
BIOGNOSTIK GES (DE), BRYSCH WOLFGANG (DE)
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Sequence 818 from Patent WO9833904.
A88670
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Sequence 818 from Patent EP0856579.
A90637
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
| 4 c 13 g
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                      /evidence=experimental
'db xref="taxon:9615"
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                 /clone="2016F"
complement(1. .22)
/note="2016F"
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A90637
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OC Artificial sequences.

PN JP1994261767-A/5

PD 20-SEP-1993 JP 1993265171

PR 22-OCT-1993 JP 1993265171

PR 29-OCT-1993 JP 1993265171

PR 29-OCT-1994 22P 291719

PI BABA TADASHI, SHIMADA HIROAKI

PC C12N15/54,A0115/00,C12N5/10,C12P19/16//A23L1/10,C12N9/10; CC strandedness: Single;

CC topology: Linear;

FH Key Location/Qualifiers

FH Source | 1.21

FT Source | 1.21

/organism='Artificial sequences';
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                                                                                                         E08187 21 bp DNA linear PAT 29-SEP-1997 Primer for isolation of the promoter in rice starch-branching
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1 (bases 1 to 2)
Francisco, L.V., Langston, A.A., Mellersh, C.S., Neal, C.L. and Ostrander, E.A.

A class of highly polymorphic tetranucleotide repeats for canine genetic mapping

Mamm. Genome 7 (5), 359-362 (1996)

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/organism='Artificial sequences'.
Location/Qualifiers
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                                                                                                                                                                                                                                                                       1 (bases 1 to 21)
Baba, T. and Shimada, H.
NEW RICE PLANT STARCH-BRANCHED ENZYMIC GENE
Patent: JP 1994281767-A 5 20-SEP-1994;
MITSUI GIYOUSAI SHOKUBUTSU BIO KENKYUSHO:KK
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/mol_type="genomic DNA"

    .21
    /organism="unidentified"

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/db_xref="taxon:32644"
3 c 12 g
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E08187/c
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PAT 07-SEP-2000
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1 (bases 1 to 18)

Goodfellow, P.N.
Methods for identifying a mutation in a gene of interest without a phenotypic guide
Patent: US 5994675-A 14 30-NOV-1999;
Location/Qualifiers
                     PC A61K45/00,A61K48/00,A61K38/17,A61P43/00,A61P35/00 CC
Description of Artificial Sequence:Artificially Synthesized CC
Primer Sequence
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Goodfellow, P.N.
METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST
PATENT: WO 9744485-A 14 27-NOV-1997;
HEXAGEN TECHNOLOGY LIMITED (GB)
Location/Qualifiers
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    forganism="synthetic construct"
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|db_xref="taxon:32630"

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Sequence 14 from patent US 5994075.
AR089732. GI:10016487
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Sequence 14 from Patent WO9744485.
A67594
A67594.1 GI:4756457
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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7 c 11 g
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synthetic construct

synthetic construct

artificial sequences.

1 (bases 1 to 17)

Si3-Dependent novel apoptosis-associated protein and method of

Si3-Dependent novel apoptosis controller

Soreening apoptosis controller

JAPAN AS REPRESENTED BY THE PRESIDENT OF THE UNIVERSITY OF TOXYO,

CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY INCUBATION LTD, YUSUKE

NAKAWURA, HIROFUMI ARAKAWA

S Artificial Sequence

NO 0212496-A/17

PD 14-FBB-2002

PR 02-AUG-2000 JP 00P 240399

PI YUSUKE NAKAWURA, HIROFUMI ARAXAWA

PC C12N15/12,C07K14/47,C07K16/18,C12P21/02,C12Q1/68,G01N33/50, PC
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2015:11000-A 818 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEXULARE DIAGNOSTIK MBH
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BD066183
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/organism="unidentified"
/mol_type="genomic DNA"
/db_ref="taxon:32644"
                                                                                                                                                                                                                                                 BD066183.1 GI:22611786
JP 2001511000-A/818.
unidentified
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1370 GGGGGGGGGGGCAG 1386
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            /organism='Streptococcus pneumoniae'
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Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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Unclassified.
E J (bases I to 20)
S Berg, T., Tollersrud, O. Kristien. and Nilssen, O. Genetic test for alpha.-mannosidosis
AL Patent: US 6197507-A 15 06-MAR-2001;
Location/Qualifiers
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M Unknown...
Unclassified.
E 1 (bases 1 to 20)
S Roberts.P.C. and Driver, S.E.
Transplacental delivery of oligonucleotides
ML Patent: US 6306831-A 6 23-OCT-2001;
Location/Qualifiers
....known" 5 t
                                                            1. .22
/organism="Streptococcus pneumoniae"
/mol_type="genomic DNA"
/db_xref="taxon:1313"
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/organism="unknown"
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AR174482/c
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A61X37/02,
C12NS/00,(C12N15/00,C12R1:46)
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PC C12N15/09, A61K38/00, A61P31/04, A61P37/02, C07K14/315, C07K16/12,
PC C12N1/15,
PC C12N1/15,
PC C12N1/15, C12N5/10, C12P21/02, C12Q1/68, G01N33/15, G01N33/ PC
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 655924-A 5835 06-MAY-2003;
Location/Qualifiers
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UP 2002504309-A/3.
Streptococcus punumniae
Streptococcus pneumoniae
Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
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                 1.0%; Score 15.4; DB 1; Length 18; 94.1%; Pred. No. 2.5e+02; tive 0; Mismatches 1; Indels
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Pred. No. 2.5e+02;
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/organism="unknown"
                                                                                                          1368 GCGGGGGGGGGGGGC 1384
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Fugono,N., Kurusu,Y., Terasawa,M. and Yukawa,H.
Oligonucleotide and method for analyzing base sequence of nucleic acid
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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85.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 3; Indel8
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Human single nucleotide polymorphisms
Patent: Wo 0.138576-A.178
WHITEHBAD INSTITUTE FOR BIOWEDICAL RESEARCH (US)
Location/Qualifiers
                                                                                                                         Query Match
1.0%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="PRIMER"
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Sequence 178 from Patent WO0138576.
AX154080
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Unclassified.
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                                               PAT 20-JUN-2002
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Wright, J.A., Young, A.H. and Lee, Y.S.
Mright, J.A., Young, A.H. and Lee, Y.S.
maulin-like growth factor II antisense oligonucleotide sequences
and methods of using same to inhibit cell growth
Patent: US 6417169-A 8 09-UUL-2002;
Location/Qualifiers
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Method for producing antibody fragments
Patent: WO 0043507-A 7 27-JUL-2000;
UNILEVER PLC (GB) ; LEVER HINDUSTAN LTD (IN) ; UNILEVER NV (NL)
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1.0%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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85.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 3; Indela
                                               linear
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1 (bases 1 to 20)

1 (bases 1 to 20)

Frenken, L. and van der Logt, C.P.

Method for producing antibody fragments

Patent: US 6399763-A 7 04-JUN-2002,

Location/Qualifiers
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                                            AR212475 20 bp 22quence 7 from patent US 6399763. AR212475 GI:21516059
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Sequence 8 from patent US 6417169.
AR217890
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Sequence 7 from Patent WO0043507.
AX027702 GI:10188569
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/organism="unknown"
7 c 7 g
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4 c 12 g
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AR212475/c
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AJ000793.1 G1:2286016

PCR primer.
Sus scrofa (pig)
SM stazoa, Chordata, Craniata, Vertebrata; Euteleostomi;
Eukaryota; Matazoa; Chordata, Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
1 (bases 1 to 19)
SP prindifseon, A.K., Hori, T., Wintero, A.K., Fredholm, M., Yerle, M.,
Expansion of the pig comparative map by expressed sequence tags (EST) mapping
L Unpublished
L Unpublished
L Strict Strict
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Submitted (27-UTL-1997) Fridolfsson A.K., Animal Breeding and
Genetics, Swedish University of Agricultural Sciences, Biomedical
Center, Box 597, 8-751 24 Uppsala, SWEDEN
Location/Qualifiers
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Sus scrofa EST 3'UTR SLC3A1 forward primer.
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1.0%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 0;
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ASS FRANCAISE CONTRE LES MYOPA (FR)
Location/Qualifiers
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/organism="unidentified"
/ool_type="genomic DNA"
/do_xref="taxon:32644"
7 c 3 g 10
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Sequence 13 from Patent W09616175.
A51144
A51144.1 GI:2303915
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/mol_type="mRNA"
/db_xref="taxon:9823"
/chromosome="3"
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Beckmann, J. and Richard, I.
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7 c
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    Matches 15; Conservative
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Unclassified.
1 (bases 1 to 16)
1 (bases 1 to 12)
Arthos J., Clark, P.E., Fornwald, J.A., Brawner, M.E., Deen, K.C.,
Gorman, J.A., Sathe, G.M., Sweet, R. W. and Taylor, D.P.
Expression of HIV binding proteins
Patent: EP 031336-A2 10 06-SEP-1989;
Location/Qualifiers
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| Fugono, N., Kurusu, Y., Terasawa, M. and Yugawa, H.
ANALYSIS OF BASE SEQUENCE OF OLIGONUCLEOTIDE AND NUCLEIC ACID
PATENT: JP 1996/07090-A 9 19-WAR-1996;
MITSUBISHI CHEM CORP
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Location/Qualifiers
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1.0%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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2.7e+02;
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Sequence 10 from Patent EP 0331356.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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100.0%; Pred. No.
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         979 GCACAACGACTCGGCCACCG 998
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                                      1 GCACCACAACRCGGCCACCG 20
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JP 1996070900-A/9.
unidentified
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PAT 07-SEP-2000
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1 (bases 1 to 18)
Goodfellow, P.N.
Methods for identifying a mutation in a gene of interest without a phenotypic guide
Patent: US 5994075-A 8 30-NOV-1999,
Location/Qualifiers
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                                                                                                                                                                           Query Match 0.9%; Score 14.8; DB 1; Length 18; Best Local Similarity 88.9%; Pred. No. 3e+02; Matches 16; Conservative 0; Mismatches 2; Indels
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Pred. No. 3e+02;
0; Mismatches 2; Indels
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                            Unknown.
Unclassified.
1 (bases 1 to 18)
Cowsert, L.M.
Antisense modulation of G-alpha-13 expression
Patent: US 5981732-A 13 09-NOV-1999;
Location/Qualifiers
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Sequence 13 from patent US 5981732.
AR085577
AR085577.1 GI:10012344
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Sequence 8 from patent US 5994075.
AR089726
AR089726.1 GI:10016481
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/organism="unknown"
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 AR085574.1 GI:10012341
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Best Local Similarity 88.9
Matches 16; Conservative
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unclassified.
unclassified.
1 (Dases 1 to 18)
Goodfellow, P.N.
METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST
HEXAGEN TECHNOLOGY LIMITED (GB)
Location/Qualifiers
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ASS FRANCAISE CONTRE LES MYOPA (FR)
Location/Qualifiers
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a 6 c 11 g 0
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| 7 c 3 g 10
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Sequence 13 from Patent EP0717110.
A76969
A76969.1 GI:6088760
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Sequence 8 from Patent WO9744485.
A67588
A67588.1 GI:4756451
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unidentified
unclassified.
I bases 1 to 21)
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DNA linear PAT 16-APR-2003 Method of screening drug for preventing/treating proliferative process.
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WO 02077642-A/15.
SM synthetic construct
synthetic construct
synthetic construct
artificial sequences.
E I (bases 1 to 18)
Takagaki, K., Katsuma, S. and Tsujimoto, G.

E Takagaki, K., Katsuma, S. and Tsujimoto, G.
Method of screening drug for preventing/treating proliferative glomerular nephritis
I Patent: WO 02077642-A 15 03-OCT-2002;
NIPPON SHINYAKU CO LTD, THE JAPAN HEALTH SCIENCES FOUNDATION, KAZUCHIKA TAKAGAKI, SUSUMU KATSUWA, GOZO TSUJIMOTO
CS Artificial Sequence
PN WO 02077642-A/15
PD 03-OCT-2002
PP 25-NAR-2002 WO 2002JP002828
PP 25-NAR-2001 JP 01P 088018 06-SEP-2001 JP 01P 270551 PI
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PN WO 02077642-A/15
PD 03-OCT-2002
PP 25-MAR-2002 WO 2002JP002828
PR 26-WAR-2001 JP 01P 088018,06-SEP-2001 JP 01P 27
KAZUCHIKA TAKAGAKI, SUSUMU KATSUMA,GOZO TSUJIMOTO PC
G01033756,G01033/15,G01033/566,A61P13/12,A61K45/00 CC
Of Artificial Sequence: Reverse primer for PCR FH Key
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/mol_type="genomic DNA"
/db_xref="teaxon:32630"
/noTe="Primer"
                                                                                                        Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods patent: WO 0129262-8 310 26-APR-2001; Orchid BioSciences, Inc. (US)
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               GI:14032129
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Best Local Similarity 88.9
Matches 16, Conservative
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                                                                                                                                                                                                                                                                       1 (bases 1 to 18)
Morgan, A.R. and Severini, A.
Compositions and methods for determining the activity of
DNA-binding proteins and of initiation of transcription
Patent: US 6297013-A 34 02-OCT-2001;
Location/Qualifiers
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Sequence 310 from Patent WO0129262.
 0; Mismatches
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ARI71053
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/organism="unknown"
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artificial sequences.
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Matches 16; Conservative
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Unclassified.
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PAT 16-MAY-2001
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gray, D.M. and Bollon, A.P.
Libraries of optimum subsequence regions of mrna and genomic dna
Libraries of optimum subsequence regions of mrna and genomic dna
Libraries of optimum subsequence
Cytoclonal Pharmaceutics, Inc. (US); University of Texas at
Dallas, Dept. of Molecular and Cell Biology (US); Lab. of
Experimental Carcinogenesis, National Cancer Institute/NIH (US)
Location/Qualifiers
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0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                    Unknown.
Unknown.
Unclassified.
Unclassified.
I (bases I to 20)
MCKay, N. Butler, M.M., Wyatt, J. and Cowsert, L.M.
Antisense modulation of pepck-cytosolic expression
Patent: US 6187545-A 156 13-PEB-2001;
Location/Qualifiers
                                                        Score 14.8; DB 1; Length 2
Pred. No. 3.1e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                 linear
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                                                                                                                                                                                                                               AR129752 20 bp DNA
Sequence 156 from patent US 6187545.
AR129752 GI:14117649
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Sequence 92 from Patent WO0161030.
AX224938
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/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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5 c 7 g
              /organism="unknown"
7 c 3 g
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Best Local Similarity 88.9%;
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AR129752/c
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                               PAT 14-FEB-2001
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Unclassified.
1 (bases it to 20)
Elischweski,F., Kalinowski,J., Puhler,A., Dusch,N., Dohmen,J.,
Farwick,M. and Thierbach,G.
Mutant B. coli kiz strains for production of pantothenic acid
Patent: US 6171845-A 4 09-JAN-2001;
Location/Qualifiers
                                                                                                                                                      1 (bases 1 to 19)
Leushner,J., Hui,M., Dunn,J.M., Larson,M.T., Lacroix,J.-M. and
                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                 Shipman,R.
Method for bi-directional sequencing of nucleic acid polymers
Patent: US 6083699-A 13 04-UUL-2000;
Location/Qualifiers
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Pred. No. 3.1e+02;
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Patent: US 5831066-A 28 03-NOV-1998;
Location/Qualifiers
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                        Sequence 13 from patent US 6083699.
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AR124135
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88.9%;
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Unclassified.
1 (bases 1 to 20)
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Best Local Similarity 88.9
Matches 16; Conservative
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Best Local Similarity 88.9
Matches 16; Conservative
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PAT 16-APR-2003
acid-producing microorganisms, plasmid vector, E. coli K12 strain, microorganism, C. glutamicum and process for the preparation of pantothenic acid.
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PN WO 0207281-A/15
PD 03-OCT-2002 WO 2002JP002030
PF 05-MAR-2001 WD 01P 090053,18-SEP-2001 JP 01P 284112 PI
KOJI HASHIMOTO,MICHIE HASHIMOTO,SHUNJI MISHIRO,YASUHIKO OTA PC
C12Q1/68,C12N15/09,C12M1/00,G01N33/53,G01N33/543,G01N33/56, PC
G12Q1/68,C12N15/09,C12M1/00,G01N33/53,G01N33/56,PC
CC G12Q1/68,C12N15/09,C12M1/00,G01N33/53,G01N33/50,Method of detecting nucleic acid relating to disease WH W
                                                                                                                                                                                                     Process for the preparation and improvement of pantothenic acid-producing microorganisms, plasmid vector, E. coli Ki2 strai microorganism, C. glutamicum and process for the preparation of patent: JP 2000116397-A 4 25-APR-2000;
DEGUSSA HUBLS AG
SALIficial Sequence
NO JP 2000116387-A/4
PD 25-APR-2000
PF 06-OCT-1999 JP 1999285925
PR 06-OCT-1998 DE 19846499.1
PI FRANK ERISHBVSKI, JOBRN KALINOWSKI, ALFRED PUBHLER, NICOLE
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3 WO 02077281-A/15.
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1 (bases 1 to 20)
8 Hashimoto, K., Hashimoto, M., Mishiro, S. and Ota, Y.
Nethod of detecting nucleic acid relating to disease
1 Patent: WO 026077281-A 15 03-OCT-2002,
TOSHIBA CORP, KOJI HASHIMOTO, MICHIE HASHIMOTO, SHUNJI MISHIRO,
OR UNALLIANO OTA
                                                                                                     synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Erishevski,F., Xalinowski,J., Puehler,A., Dusshu,N., Doomen,J.,
Pawick,M. and Thiabach,G.
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Method of detecting nucleic acid relating to disease.
BD178509
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Pred. No. 3.1e+02;
0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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88.9%;
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Best Local Similarity 88.9
Matches 16; Conservative
                                                                      BD001973.1 GI:180
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BD178509/c
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                                                                                                                                                                                                                                         Koshinsky, H., Zwick, M.S. and Mccue, K.F.
Compositions and methods for simultaneous detection of multiple
biological entities
Patent: WO 0168921-A 45 20-SEP-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Koshinsky,H., Zwick,M.S. and Mccue,K.F.
Compositions and methods for simultaneous detection of multiple
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88.9%; Pred. No. 3.1e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="PCR Primer"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: WO 0168921-A 47 20-SEP-2001;
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Sequence 45 from Patent WO0168921.
AX250649.1 GI:15984393
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Stanley, M.A. and Scarpini, C.G.
TREATMENT OF PAPILLOWAVIRUS-ASSOCIATED LESIONS USING INTERLEUKIN-12
Patent: WO 9629091-A 15 26-SEP-1996;
UNIV CAMERIDGE TECH (GB)
Other publication AU 5151596 961008.
Location/Qualifiers
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Unclassified.
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1 (basse 1 to 21)
Malefyt,Rde.Waal., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A.,
Spits,H. and Zlotnik,A.
Use of interletkin-10 (IL-10) to treat endotoxin- or
superantigen-induced toxicity
superantigen-induced toxicity
Patent: US 5833976-A 41 10.NOV-1998;
Location/Qualifiers
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                        Unknown.
Unclassified.
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Unclassified.
Okamoto, H. and Nakamura, T.
Oligonucleotides and determination system of HCV genotypes
Patent: US 5427909-A 19 27-JUN-1995;
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88.9%; Pred. No. 3.2e+02;
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Sequence 41 from patent US 5833976.
AR052917
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Sequence 15 from Patent WO9629091.
A56957
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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20 GACGCTCGGAAGTCTTC 3
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Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

E31674

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SPATHETIC OCCUPANTIANT

SPATHETIC CONSTRUCT

SPATHETIC CONSTRUCT
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                        /organism='Hepatitis virus (hepatitis C virus)'.
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Location/Qualifiers
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88.9%; Pred. No. 3.1e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 3.1e+02;
0; Mismatches 2;
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/organism="synthetic construct"
/ml_type="genomic DNA"
/db_xref="taxon;32630"
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Sequence 19 from patent US 5427909.
112609
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xef="taxon:32644" 3
Location/Qualifiers
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Best Local Similarity 88.9°
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Matches 16, Conservative
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E31674/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                  Unknow...
Unknow...
Unclassified.
1 (bases 1 to 21)
1 (bases 1 to 21)
Carson, J., Kwon, S., Ainger, K. and Avossa, D.
Garson, J., Kwon, S., Ainger, K. and Avossa, D.
Myelin basic protein MRNA transport and translation enhancer sequences
Patent: US 6225082-A 20 01-MAY-2001;
Location/Qualifiers
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/db_xref="taxon:9606"
/note="PDGF A ribozyme recognition site"
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Synthetic BamHI-PvuII insert sequence.
A31925
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 20 from patent US 6225082.
AR148289
AR148289.1 GI:15112379
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'organism="Homo sapiens"
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synthetic construct
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1 (bases 1 to 17)
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Best Local Similarity 88.9
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AX133267
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Unknown..
Unclassified.
I (bases I to 21)
I (bases I to 21)
Spite, H. and Ziotnik, A.
Use of interleukin.10 analogs for antagonists to treat endotoxinor superantigen.induced toxicity
Patent: US 5837293-A 41 17-NOV-1998;
Location/Qualifiers
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De Waal Malefyt,R., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A.,
Spits,H. and Zlotnik,A.
Use of an interleukin-10 antagonist to treat a B cell mediated
autoimmune disorder.
Patent: US 5837232-A 41 17-NOV-1998;
Location/Qualifiers
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Pred. No. 3.2e+02;
0; Mismatches 2; Indels
                  Length 21;
              Score 14.8; DB 1; Length 2 Pred. No. 3.2e+02; 0; Mismatches 2; Indels
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Sequence 41 from patent US 5837232.
AR054280
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/organism="unknown"
a 6 c 6 g
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6 c 6 g
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                                                                                                   18 GGCCAGCTTGGAAGTCAT 1
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              Query Match 0.9%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                                                                                                                               Unclassified.
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AR054280/c
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AR148289
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AR054482/c
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PAT 20-APR-2002
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                                                                                                                         Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. a Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1472 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Shuber,A.P.
High-throughput screening method for sequence or genetic
alterations in nucleic acids using elution and sequencing of
complementary oligonuclectides
Complementary oligonuclectides
Patent: US 558930.A 45 31-DEC-1996;
Location/Qualifiers
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0.9%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
                                             mRNA
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                                     Sequence 1472 from Patent WO0188124.
AX423136.1 GI:21526518
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Sequence 99 from patent US 6335194.
AR181637
AR181637.1 GI:20223851
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Sequence 45 from patent US 5589330.
132581
                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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. 6 c 6 g
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Shuber, A.P.
High throughput screening method for sequences or genetic alterations in nucleic acids
Patent: US 5849483-A 45 15-DEC-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                               High throughput screening method for sequences or genetic alterations in nucleic acids Patent: US 584181-A 45 10-NOV-1998; Location/Qualifiers
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0.9%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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0.9%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.40+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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0.9%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
                1. .17
/organism="synthetic construct"
/mol type="genomic DNA"
/mol type="taxon:32630"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 45 from patent US 5849483. AR065036 AR065036.1 GI:5995252
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Sequence 45 from patent US 5834181.
AR053075
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Location/Qualifiers
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Unclassified.
1 (bases 1 to 17)
Shuber,A.P.
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AR065036/c
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AR053075/c
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PAT 17-OCT-2001
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                                                                                               PAT 15-MAY-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1 (bases 1 to 20)
Monia, B.P., Butler, M.M. and Wyatt, J.
Antisense inhibition of C/EBP beta expression
Patent: US 6271030-A 37 07-AUG-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/note="CGK8 ribozyme binding site"
1 9 9 3 t
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Sequence 127 from patent US 6271030.
AR163929.1 GI:16234767
                                                                                                                                                                                                                                                                                                                 Parent: WO 0130362-A 956 03-MAY-2001,
IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 956 from Patent W00130362.
AX129738
AX129738.1 GI:14136043
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a 6 c 14 g
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4 GACGCAGAGGTGTAAG 19
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Homo sapiens
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Best Local Similarity 93.8
Matches 15; Conservative
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AR163929/c
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Unclassified.

Unclassified.

(bases 1 to 18)

Zwick, M. Edington, B. E., McSwiggen, J. A., Merlo, P. Ann. Owens., Guo, L., Skokut, T. A., Young, S. A., Folkerts, O. and Merlo, D. J.

Nucleic acid encoding delta-9 desaturase

Nucleic acid encoding delta-9 cesturase

Location/Qualifiers
                 1 (bases 1 to 18)
Bennett, C.Frank., Ackermann, E.J., Swayze, E.E. and Cowsert, L.M. Antisense modulation of survivin expression
Patent: W6 3331944.A 99 01-JAN-2002;
Location/Qualifiers
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 7120 25-MAR-2003;
Location/Qualifiers
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                                                                                                                                                                   Query Match

0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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93.8%; Pred. No. 3.5e+02;
ative 0; Mismatches 1;
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/organism≈"unknown"
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Matches 15; Conservative
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Query Match

SASE COUNT

RESULT 140
AR295385
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DEFINITION
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KEYWORDS
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REFERENCE AUTHORS TITLE

JOURNAL FEATURES

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PAT 27-AUG-2002
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                                                                                                                                                PAT 06-JUL-2002
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Patel, S.B. and Dean, M.

Gene involved in dietary sterol absorption and excretion and uses therefor a constant wood of the patent: WO 0227016-A 32 04-APR-2002;

PATEL DEPARTMENT OF HEALTH AND HUMAN SERVICES (US); Patel, Shailendra B. (US); Dean, Michael (US)

Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db xref="texon:32630"
/note="Primer"
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Patent: WO 02072882-A 4809 19-SEP-2002;
OGHAM GmbH (DE)
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    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

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synthetic construct
artificial sequences.
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19 GCGAGCCGGAGCGCG
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Matches 15; Conservative
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BD090479
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AX613784
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0.9%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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1 (bases 1 to 20)

Bennett,C.Frank. and Cowsert,L.M.

Antisense inhibition of cytohesin-1 expression

Patent: US 6383809-A 11 07-MAY-2002;

Location/Qualifiers
                                    Unclussified.
Unclassified.
1 (bases 1 to 20)
Monia,B.P., Butler,M.M. and Wyatt,J.
Antisense inhibition of C/EBP beta expression
Patent: US 6271030-A 127 07-AUG-2001;
Location/Qualifiers
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1 (bases 1 to 20)

Monia,B.P., Butler,M.M. and Wyatt,J.

Antisense inhibition of C/B3P beta expression

Patent: US 6271030-A 128 07-AUG-2001;

Location/Qualifiers
                                                                                                                                                                                                                                                                                          Query Match

0.9%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1;
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Sequence 128 from patent US 6271030.
AR163930.1 GI:16234769
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/organism="unknown"
a 10 c 7 g
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6 c 8 g
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AR208802/c
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Synthetic construct
artificial sequences.

E 1 (bases 1 to 20)
S finito, O. Ichiro, N. and Hiroshi, Y.
Ichiro, O. Ichiro, N. and Hiroshi, Y.
Method for distinguishing eucaryctic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

L Patent: JP 2000023671-A 41 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/41
PD 25-JAN-2000
PP 10-JUL-1998 JP 1998195692
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

B31668
B31668.1 GI:13018578
JP 2000023571-A/41.
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/organism='Artificial Sequence'
Location/Qualifiers
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0.9%; Score 14.4; DB 1; Length 2
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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C12N15/09,C12Q1/68,C12N15/00
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 106 from patent US 6258529.
AR161796
AR161796.1 GI:16228746
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    .20
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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Unclassified.
( bases I to 19)
Berdoz,J. and Kraehenbuhl,J.-P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TSUVOSHI NAKAMURA
CI2N15/09,C12Q1/68,G01N33/569//(C12N15/09,C12R1:01),(C12Q1/68,
C12R1:01),
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COMMENT
OS Methane bacteria
Ph JP 2001327290-A/1
Ph JP-2001327290-A/1
Ph JP-2000 JP-2001
PF 22-MAY-2000 JP-20015009
PF 22-MAY-2001
PF 23-MAY-2001

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larity 88.2%; Pred. No. 3.6e+02;
Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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N JP 2001527520-A/10

PD 25-DEC-20019

PF 21-AUG-1997 JP 1998511012

PR 22-AUG-1996 US 60/024399,17-JAN-1997 US

STEPHEN J PERCUTKA

PC Strandedness: Single;
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/organism='Unidentified'
Location/Qualifiers
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JP 2001527520-A/10.
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BD096469
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PAT 27-NOV-2002
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synthetic construct
synthetic construct
artificial sequences.

I (120,H. and Asada,K.
Substrate for immobilizing ligand
Patent: WO 0135098-A, 28 17-MAY-2001;
TAKARA SHUZO CO LTD, IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
OS Artificial Sequence
PD 17-MAY-2001
PF 24-OCT-2000 WO 2000JP007415
PR 05-NOV-1999 JP 99P 315610
PI IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
PC GOIN33/543,GOIN33/521,GOIN33/55,GOIN37/00 CC
Designed oligonucleotide primer for amplifying a portion of CC insulin
                 Gaps
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 Pred. No. 3.8e+02;
0; Mismatches 3;
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/db_xref="taxon:32630"
/note="SBS# 5349 target"
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                                                                                                                                               AX557192 19 bp
Sequence 90 from Patent W00244353.
AX557192 4X557192.1 GI:25900191
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                                            1418 GCTCCGGGTGCGGGGCCA 1436
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Matches 16; Conservative
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artificial sequences.
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BD094590/c
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AX557192
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PCR amplification of rearranged genomic variable regions of immunoglobulin genes. Patent: US 625829-A 106 10-JUL-2001, Location/Qualifiers
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Human interleukin-four induced protein
Patent: WO 0218574-A. 18 07-MAR-2002;
North Shore-Long Island Jewish Research Institute (US)
Location/Qualifiers
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84.2%; Pred. No. 3.8e+02;
live 0; Mismatches 3; Indels
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                                                                                                                 0.9%; Score 14.2; DB 1;
84.2%; Pred. No. 3.8e+02;
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/mol_type="genomic DNA"
/db xref="taxon:32630"
/noEe="Pxiner"
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/mol Lype="genomic DNA"
/db xref="taxon:32630"
/noTe="Primer"
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AX468761
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/organism="unknown"
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Best Local Similarity 84.2
Matches 16; Conservative
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Best Local Similarity 84.2
Matches 16; Conservative
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AX468761
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Unclassified.

1 (Dasses 1 to 20)

Ckamoto, H. and Nakamura, T.

Oligonucleotide primers, and their application for high-fidelity
detection of non-A, non-B hepatitis virus

Patent: US 5856458-A 30 05-JAN-1999;

Location/Qualifiers
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Unknown.
Unknown.
Unclassified.
I (bases 1 to 20)
Dalb. o slashed.ge,H., Kofod,L.Venke., Kauppinen.M.Sakari.,
Andersen.L.Nonboe., Christgau.S. and Heldt-Hansen,H.Peter.
Enzyme with pectin lyase activity
Patent: US 5858760-A 17 12-JAN-1999;
Location/Qualifiers
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Sequence 17 from patent US 5858760.
AR028728 AR028728.1 GI:5940701
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Sequence 20 from patent US 5872242.
AR036620.1 GI:5953288
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AR036620/c
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PCR identification; PCR primer; STS.

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Canis familiaris

Canis familiaris

Canis familiaris

Enkaryota; Merazoa; Chordata; Craniata; Vertebrata; Enteleostomi;

Enkaryota; Merazoa; Chordata; Craniata; Canidae; Canis.

1 (bases 1 to 20)

Ostrander, E. A., Mapa, F. A., Yee, M. and Rine, J.

One hundred and one new simple sequence repeat-based markers for

the canine genome

Mamm. Genome 6 (3), 192-195 (1995)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Original source text: Canis familiaris (library: E. Ostrander, in pBluescript+) adult spleen DNA.
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Bred Hutchinson Cancer Research Center
Transplantation Biology Dept
Transplantation Biology Dept
1124 Columbia; Mailstop M318
Seattle, WA 98104, USA
e-mail: EAR-OSTERANDERFIL GOV
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for 1.00 minutes
POLYMENIZATION: 74 degrees C for 1.00 minutes
PCR Cycles: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCR Cycles:
Final Extension: 74 degrees C for 5.00 minutes.
Location/Qualifiers

1.20
| organism="Canis familiaris" |
| mol Lype="genomic DNA" |
| / tissue_type="spleen" |
| / dev_atage="addli" |
| / tissue_type="spleen" |
| / dev_atage="addli" |
| / tissue_lib="E. Ostrander, in pBluescript+" |
| mex_bind | complement(1.20) |
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Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                  0.9%; Score 14.2; DB 1; Length 19;
llarity 84.2%; Pred. No. 3.8e+02;
Conservative 0; Mismatches 3; Indels
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Unclassified.
1 (bases 1 to 20)
Arnold, L.J. Jr., Reynolds, M.A., Schwartz, D.A. and Daily, W.J.
Algonucleoside Caleavage compounds and therapies
Patent: US 5854410-A 23 29-DEC-1998;
Location/Qualifiers
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Eriksson, U., Olofsson, B., Alitalo, K. and Pajusola, K. Vascular endothelial growth factor-B Patent: US 5840693-A 45 24-NOV-1998; Location/Qualifiers
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Patent: US 5854049-A 12 29-DEC-1998;
Location/Qualifiers
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Sequence 12 from patent US 5854049.
AR068763.
AR068763.1 GI:6000970
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1 (bases 1 to 20)
Reed,G.L.
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AR068763/c
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UnClassified.
1 (bases 1 to 20)
Baracchini, E. Jr. and Bennett, C.Frank.
Oligonucleotide modulation of multidrug resistance-associated
protein
Patent: US 5807838-A 23 15-SEP-1998;
Location/Qualifiers
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E. 1 (bases 1 to 20)

S. Baracchini, E., Bennett, C.Frank. and Dean, N.M.

Antisense oligonucleotide modulation of multidrug resistance-associated protein

AL Patent: US 5801154-A 23 01-SEP-1998;

Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Sequence 45 from patent US 5840693.
AR060544
AR060544.1 GI:5986994
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Sequence 23 from patent US 5807838.
ARC40631.1 GI:5959994
                                                                                          AR037348 20 bp 1
Sequence 23 from patent US 5801154.
AR037348.1 GI:5955204
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       19 GCCGCGGCGGCGGAGGCAG 1
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PAT 16-MAY-2001
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Unclassified.
1 (bases 1 to 20)
Hardee, G.E., Geary, R.S., Levin, A., Templin, M.V., Howard, R. and
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Liposomal oligonucleotide compositions for modulating RAS gene
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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Unclassified.
1 (bases 1 to 20)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of rank expression
Patent: US 6171860-A 56 09-JAN-2001;
Location/Qualifiers
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expression
Patent: US 6083923-A 28 04-JUL-2000;
Location/Qualifiers
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Sequence 56 from patent US 6171860.
AR124487.1 GI:14109848
                                                                                                                                                                                                                                                               AR102403 20 bp D
Sequence 28 from patent US 6083923.
AR102403. GI:12813201
JOURNAL Patent: US 6080567-A 35 27-JUN-2000;
ATURES Location/Qualifiers
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/organism="unknown"
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19 GCCGCGGCGCGGAGGCAG 1
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AR102403/c
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1 (bases I to 20)

1 (bases I to 20)

Teng, D.H.-F., Tautigian, S.V., Perry, W.L. III and Skolnick, M.H.
Specific mutations of map kinase 4 (MKK4) in human tumor cell lines
identify it as a tumor suppressor in various types of cancer
patent: US 5989885-A 48 23-NOV-1999;
Location/Qualifiers
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                                 PAT 31-AUG-2000
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Ecker, D.J., Cook, P.Dan., Monia, B.P., Freier, S.M. and Sanghvi, Y.S.
Antisense inhibition of ras gene with chimeric and alternating
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Kofod, L. Venke., Kauppinen, M. Sakari., Christgau, S.,
Heldt-Haneen, H. Peter., Dalb.o slashed, ege, H., Andersen, L. Nonboe.,
Si, J. Ci., Jacobsen, T. Sejersgangrd., Munk, N. and Mullertz, A.
Enzymes with xylanase activity from Aspergillus aculeatus
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Patent: US 5965722-A 20 12-OCT-1999;
Location/Qualifiers
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Sequence 35 from patent US 6080567.
AR100185.1 GI:12810633
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Sequence 48 from patent US 5989885.
AR088462 AR088462.1 GI:10015226
                                 20 bp | Sequence 20 from patent US 5965722.
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AR079640/c
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AR088462
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PAT 08-AUG-2001

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Unknown.
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Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Bennett, C.Frank. and Vickers, T.A.

Bennett, C.Frank. and Vickers, T.A.

Oligonucleotide compositions and methods for the modulation of the expression of B7 protein

expression of B7 protein

Patent: US 6119906-A 154 20-NOV-2001;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                 Unknown.
Unclassified.
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I (bases I to 20)

Kofod, L.Venke., Kauppinen, M.Sakari., Christgau, S.,
Heldt-Hansen, H. Peter. Dalb. o slashed.ge, H., Andersen, L. Nonboe.,
Si, J. Gl., Jacobsen, T. Sejersgangard., Munk, N. and Mullertz, A.
Enzymes with xylanase activity from aspergillus aculeatus
Patent: US 6228630-A 35 08-MAY-2001;
Location/Qualifiers
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84.2%; Pred. No. 3.8e+02;
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84.2%; Pred. No. 3.8e+02;
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Sequence 154 from patent US 6319906.
AR178908
AR178908.1 GI:20220046
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Seguence 35 from patent US 6228630.
AR149869
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/organism="unknown"
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AR178908/c
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AR149869/C
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1 (bases 1 to 20)

1 (bases 1 to 20)

Rofod, L. Venke., Kauppinen, M. Sakari., Christgau, S.,

Heldt. Hansen, H. Peter., Dalb.o slashed.ge, H., Andersen, L. Nonboe.,

Si, J. Qi., Jacobsen, T. Sejersgangrd., Munk, N. and Mullertz, A.

Enzymes with xylanase activity from Aspergillus aculeatus

Patent: US 6197564-A 35 06-MAR-2001;
                                                                                                                           Unknown.
Unknown.
Unclassified.

( Dases 1 to 20)

1 ( Dases 1 to 20)

Popoff, I., Brown-Driver, V.L. and Cowsert, L.M.

Antisense inhibition of e2f transcription factor 1 expression

Antisense inhibition of e2f transcription factor 1

Antisense inhibition of e2f transcription factor 1

Antisense inhibition of e2f transcription factor 1

Antisense inhibition of e2f transcription factor 1 expression

Patent: US 6187587-A 19 13-FBB-2001;

Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Pred. No. 3.8e+02;
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Sequence 19 from patent US 6187587.
AR130116
AR130116.1 GI:14118013
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Sequence 35 from patent US 6197564.
AR137875.1 GI:14479384
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1 (bases 1 to 20)
Shuber, A.P.
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AR139321
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AR130116/c
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Unclassitution of glioma-associated oncogene-2 expression
Antisense modulation of glioma-associated oncogene-2 expression
Patent: US 6440739-A 23 27-AUG-2002;
Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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Ward, D.T. and Cowsert, L.M.
Antisense modulation of RIP2 expression
Patent: US 6426221-A 12 30-UUL-2002;
Location/Qualifiers
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Sequence 23 from patent US 6440739.
AR224718
AR224718.1 GI:23333558
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AR221462
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Sequence 2 from patent US 6458590.
AR234546
AR234546.1 GI:27277250
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/organism="unknown"
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               PAT 20-APR-2002
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Ecker, D. J., Cook, P. Dan., Monia, B. P., Freier, S. M. and Sanghvi, Y. S. Antisense inhibition of ras gene with chimeric and alternating oligonucleotides
Patent: US 6359124-A 20 19-MAR-2002;
Location/Qualifiers
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UnClassfiled.
1 (bases 1 to 20)
1 (bases 1 to 20)
Baker, B.F., Bennett, C.Frank. and Wyatt, J.
Antisense modulation of inhibitor of DNA binding-1 expression
Patent: US 6372433-A 34 16-APR-2002;
Location/Qualifiers
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Pred. No. 3.8e+02;
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B 1 (bases 1 to 20)

As Marcotte, P. A. and Cowsert, L.M.

Antisense modulation of hepsin expression

AL Patent: US 6423543-A 32 23-JUL-2002;

Location/Qualifiers

1. 20

/organism="unknown"
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Pred. No. 3.8e+02;
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AR220167.
AR220167.1 GI:23324610
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Seguence 34 from patent US 6372433.
AR206614
            20 bp | Sequence 20 from patent US 6359124.
AR201438
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/organism="unknown"
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Best Local Similarity 84.2%;
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AR220167/c
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AR206614
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PAT 06-SEP-2000
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/organism="synthetic construct"
/organism="synthetic DNA"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/nofe="Antisense oligonucleotide inhibiting the common subunit of IL-4 and IL-13 human receptor"
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Antisense oligonucleotides for treating or preventing atopic diseanse and neoplastic cell proliferation batent: WO 9966037-A 7 23-DEC-1999;
RENZI PAOLO (CA); RECH EXPERTISES ET DEV MEDICAU (CA)
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0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.88+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="Oligonucleotide"
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Sequence 3 from Patent WO9961662.
AX009450 GI:9996736
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Sequence 7 from Patent W09966037.
AX008654 GI:9996178
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Location/Qualifiers
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             170 TGTCTGCTGCTAGTCCTCG 188
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AX008654/c
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AX009450/c
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Unclassified.
1 (bases 1 to 20)
Eriksson, U., Olofsson, B., Alitalo, K. and Pajusola, K.
Antibodies specific for vascular endothelial growth factor-B
Patent: US 6331301-A 45 18-DEC-2001;
Location/Qualifiers
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Unclassified.
1 (bases I to 20)
Zhang, H. and Wyatt, J.
Antisense modulation of BH3 interacting domain death agonist
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                                                          (bases 1 to 20)
Mukherjee, A.B., Kundu, G.C. and Panda, D.K.
Methods and compositions for treatment of restenosis
Patent: 18 6458590-A 2 01-OCT-2002;
Location/Qualifiers
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Patent: US 6503754-A 11 07-JAN-2003;
Location/Qualifiers
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/organism="unknown"
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Sequence 45 from patent US 6331301.
AR262768
AR262768.1 GI:28074441
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AR271767/c
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

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RESULT 185 AX037348/c LOCUS

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PAT 21-NOV-2001
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Libraries of optimum subsequence regions of mrna and genomic dna
Libraries of optimum subsequence regions of mrna and genomic dna
for control of gene expression
for control of gene expression
for control of gene expression
Cytoclonal Pharmaceutics, Inc. (US); University of Texas at
Dallas, Debt. of Molecular and Cell Biology (US); Lab. of
Experimental Carcinogenesis, National Cancer Institute/NIH (US)
Location/Qualifiers
                                       Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                  Gray, D.M. and Bollon, A.P.
Libraries of optimum subsequence regions of mrna and genomic dna
Libraries of optimum subsequence
Libraries of optimum subsequence
for control of gene expression
Patent: WO 0161030-A 96 23-A0G-2001;
Cytcolonal Pharmaceutics, Inc. (US); University of Texas at
Dallas, Dept. of Molecular and Cell Biology (US); Lab. of
Experimental Carcinogenesis, National Cancer Institute/NIH (US)
Location/Qualifiers
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Sequence 5577 from Patent WO0179548.
AX293815.
AX293815.1 GI:17055498
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/mol_type="genomic DNA"
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/organism="Homo sapiens"
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Homo sapiens (human)
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                                             PAT 16-NOV-2000
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Susceptibility to psoriasis
statent: Wo 0058506-A 1 05-007-2000;
KING S COLLEGE LONDON (GB) ; UNIV LEICESTER (GB) ; BARKER JONATHAN NICHOLAS WILLI (GB) ; TREMBATH RICHARD CHARLES (GB)
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Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Foaceae, PACCAD
clade, Panicoideae, Andropogoneae, Zea.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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llarity 84.2%; Pred. No. 3.8e+02;
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Signal transduction genes and methods of use
Patent: WO 0070059-A 56 23-NOV-2000;
PIONEER HI-BRED INTERNATIONAL, INC. (US)
Location/Qualifiers
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Sequence 56 from Patent W00070059.
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Sequence 96 from Patent W00161030.
AX224942.
AX224992.1 GI:15555015
                                    20 bp
Sequence 1 from Patent W00058506.
AX037348

    .20
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AX048785.1 GI:12225930
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Homo sapiens
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AX048785/c LOCUS

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RESULT 187

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30-APR-1998 JP 1998547418
30-APR-1997 US 08/848840
I DAVID JECKER, PHILIP DAN COOK, BRETT P MONIA, SUSAN M FREIER, PI
YOGESH S SANGHVI
C C12Q1/68,C12P19/34,C07H19/16,C07H19/167,C07H19/1067,
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synthetic construct
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1 (bases 1 to 20)
Ecker, D.J., Cook, P.D., Monia, B.P., Freier, S.M. and Sang, Y.S.
Antisense inhibition of ras gene with chimeric and alternating
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sequence is completely synthesized"
16 c 4 g 0 t
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Patent: JP 2001500530-A 20 16-JAN-2001;
ISIS PHARMACEUTICALS INC
OS ATTIFICIAL Sequence
PN JP 2001500530-A/20
PD 16-JAN-2001
PF 30-APR-1998 JP 1998547418
PR 30-APR-1997 US 08/848840
PI DAVID J ECKER, PHILIP DAN COOK, BRETT P
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
12 c 6 g 2 t
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JP 2001500530-A/20.
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BD073147/c
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BD006253/c
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                  Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 5577 22-001.

CORNELL RESEARCH FOUNDATION, INC. (US)

Location/Qualifiers
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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                                                                                                                          1...20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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Sequence 7 from Patent WO03004511.
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1. 20
/ Organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"
a 5 c 6 g 1
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synthetic construct
artificial sequences.
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Best Local Similarity 84.2
Matches 16; Conservative
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Best Local Similarity
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Mus sp.
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AX671167/c
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AX299012/c
LOCUS
DEFINITION
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VERSION
KEYWORDS
SOURCE
ORGANISM
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Renzi, P., Allam, M. and Allakhverdi, Z. Methods for increasing in vivo efficacy of oligonucleotides and inhibiting inflammation in mammals Patent: WO 03004511-A 7 16-JAN-2003;

ORGANISM

REFERENCE AUTHORS TITLE

JOURNAL

BASE COUNT

JOURNAL

TITLE

FEATURES

REFERENCE AUTHORS ô

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NITION Primer for amplifying DNA of herpes simplex virus 2.

SECON E05616

ON E05616. GI:2173803

RDS Bynchetic construct

ANISM Synthetic Construct

ANISM 
                                                                                                                                                                                                                                                                                                                                                                     Discription of Grant Construct

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences.

I (bases 1 to 20)

Tanaka, M. and Kikuchi, A.

Method for detecting or quantitating protein

Patent: JP 2002191364-A 43 09-JUL-2002;

MITSUBISHI CHEMICAL CORP

OS Artificial Sequence

PD 09-JUL-2002

PP 20-DEC-2000 JP 2000394675

PI MASAHITO TANAKA, AKIHIKO KIKUCHI

PC C12N15/09,C07K14/21,C07K14/47,C07K16/40,C07K19/00,C12M1/40, PC
                                                                                                                                                                                                                                                                                                        PAT 17-JAN-2003
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Description of Artificial Sequence:synthesized FH Key
Location/Qualifiers
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Location/Qualifiers
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Method for detecting or quantitating protein.
BD162107
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                                             Length
                                           0.9%; Score 14.2; DB 1;
ilarity 84.2%; Pred. No. 3.8e+02;
Conservative 0; Mismatches 3;

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    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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                                                                                                                                   144 TGGGCGAGATGCTGCTGCT 162
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Best Local Si
Matches 16;
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E05616/c
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BD162107/c
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unclassified.

I (base I to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 42 26-MAR-2002;
ISIS PHARMACEVITICALS INC
OS Unidentified
PN JP 2002508944-A/42
PD 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PR 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM, BREIT P MONIA,LEX M
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BD138116
BD138116
JP 2002508944-A/42.
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C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
C12Q1/68,
C12N15/00
                                   Wonia, B.P., Cowcert, L.M. and Manoharan, M.
Antisense oligonuclectide inhibition of RAS
Antisense oligonuclectide inhibition of RAS
Parent: JP 2001509394-A 20 24-JUL-2001;
ISIS PHARMACEUTICALS INC
ON Unidentified
PD 24-JUL-2001
PP 06-JUL-1999 JP 2000502223
PP 06-JUL-1999 JP 2000502223
PP 08-JUL-1997 JS 08/889396
PI BRETT P MONIA, LEX M COWCERT, MUSIA MANOHARAN
PC C12NIS/09, A61K41/7088, A61K48/00, A61P35/00, C12NIS/00
CT TOPOLOGY: Linear;
CC Antisense oligonuclectide inhibition of RAS
FT Source

//organism='Unidentified',
//organism='Unidentified',
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Location/Qualifiers
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84.2%; Pred. No. 3.8e+02;
ative 0; Mismatches 3;
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| /organism="unidentified"
| /mol_type="genomic DNA"
| /do_tref="taxon:32644" | 2
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity 84.2
Matches 16; Conservative
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BD138116/c
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SOURCE
ORGANISM
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Unknown.
Unknown.
Unknown.
Unclassified.
1 (Bases 1 to 20)
Civelli,O. and Van Tol,H.H.
DNA sequence for the human dopamine receptor D.sub.4 and expression thereof in mammalian cells
thereof in mammalian cells
Location/Qualifiers
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                             PAT 07-0CT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PAT 06-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 20)

Baracchini, E. Jr. and Bennett, C.F.

Oligonucleotide modulation of multidrug resistance-associated protein

Patent: US 5510239-A 23 23-APR-1996;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SM Unknown.
Unclassified.
E 1 (bases 1 to 20)
RS Parker,W.Davis. and Herrnstadt,C.
Cytochrome oxidese mutations aiding diagnosis of sporadic alzheimer's disease
alzheimer's disease
Location/Qualifiers
Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                      Score 14.2; DB 1;
Pred. No. 3.8e+02;
0; Mismatches 3;
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Sequence 62 from patent US 5565323.
127426 11:1818202
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Sequence 23 from patent US 5510239.
  Sequence 10 from patent US 5422265.
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/organism="unknown"
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I19642.1 GI:159997
                                GI:910378
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Best Local Similarity 84.2
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         KACRU OGAWA
C12N15/09,A61K31/00,A61K39/36,A61K45/00,C12Q1/68,C12N15/00 CC
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synthetic construct
artificial sequences.

1 (bases 1 to 20)
Nagasu,T., Sugite,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Gunji,S., Obayashi,I., Imai,Y., No,N. and Ogawa,K.
Pollinosis-associated gene
Patent: JP 2000106879-A 6 18-AFR-2000;
GENOX RESEARCH INC
                                                                                                                                                                                                                                           Gaps
PD 12-OCT-1993

PF 16-MAR-1992 UP 1992090268

PI MATSUNOTO TOSHLYA, KURIMURA TAKASHI, KITA HIROSHI PC C12Q1/68,C12M15/10,C12M15/38,C12Q1/70;

CC strandedness: Single;

CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No.
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                                                                                                                                                                                                          0.9%; Score 14.2; DB 1;
84.2%; Pred. No. 3.8e+02;
tive 0; Mismatches 3;
                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                   anti-sense: No.
Location/Qualifiers
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Pollinosis-associated gene.
E34262
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JP 2000106879-A/6
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Best Local Similarity 84.2
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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unidentified
unclassified.
1 (bases 1 to 15)
1 Expsch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
patent: EP 0856579-A 819 05-AUG-1998;
BIOGNOSTIK GES (DE)
1.05
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Pred. No. 3.8e+02;
0; Mismatches 0; Indels
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unidentified
unclassified.
1 (Dases 1 to 15)
Brysch,W. and Schlingensiepen,K.
AN ANTISENSE OLICONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 819 06-AUG-1998;
BIOGNOSTIK GES (DE), BRYSCH WOLFGANG (DE)
Location/Qualifiers
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred, No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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Sequence 819 from Patent WO9833904.
A88671
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 4 c 11 g
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Best Local Similarity 100.0%; Pr
Matches 14; Conservative 0;
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  GI:3013425
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  177271.1
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A90638
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Parker, W. Davis. and Herrnstadt, C.
Parker, W. Davis. and Herrnstadt, C.
Yotochrome oxidase mutations aiding diagnosis of sporadic alzheimer's disease
Patent: US 5565323-A 95 15-OCT-1996;
Location/Qualifiers
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                                            0.9%; Score 14.2; DB 1; Length 20;
.larity 84.2%; Pred. No. 3.8e+02;
Conservative 0; Mismatches 3; Indels
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Pred. No. 3.8e+02;
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1 (bases 1 to 20)

Civelli,O. and Van Tol,H.H.

Human dopamine receptor and its uses

Patent: US 5594108-A 10 14-JAN-1997;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                   127459 20 bp 1
Sequence 95 from patent US 5565323.
127459 1 GI:1818235
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Sequence 10 from patent US 5594108.
133964.
133964.1 GI:1824755
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/organism="unknown"
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177271/c
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PAT 06-SEP-2000
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An antisense oligonucleotide preparation method.

BD066184
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BD086118
BD086118
BD086118
BD0862118
BD0862218
BD0862118
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B
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07-AUG-2001
07-AUG-2001
31-07AN-1999 JP 1998532533
31-07AN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEBEN, WOLFGANG BRYSCH
C12N15/11, C07121/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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0.9%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels

    16. 16
    /organism="Aids-associated retrovirus"
/mol_type="genomic DNA"
    /db_xref="taxon:11966"

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Patent: WO 9967428-A 404 29-DEC-1999;
INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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/organism='Unknown'
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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AX007862
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/organism="unidentified"
/mol_type="genomic DNA"
/db_ref="taxon:32644" 0
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AX216347
             DEFINITION
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1 (bases 1 to 15)

Monia,B.P. and Gaarde,W.A.
Antisense inhibition of focal adhesion kinase expression
Patent: US 6133031-A 37 17-OCT-2000;
Location/Qualifiers
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Pred. No. 3 88+02;
Linhag 0; Indels
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1 (bases 1 to 15)
Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 50 27-FEB-2001;
Location/Qualifiers
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0.9%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                  Query Match
0.9%; Score 14; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 0;
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100.0%; Pred. No. ...
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Sequence 50 from patent US 6194150.
AR131625
AR131625.1 GI:14120528
                                                                                                                                                                                                                                                                                                                                                         AR116349 15 bp
Sequence 37 from patent US 6133031.
AR116349.1 GI:14096671
             /organism="unidentified"
                                  /mol_type="genomic DNA"
/db_xref="taxon:32644"
4 c 11 g
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/organism="unknown"
a 3 c 5 g
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A 5 c 5 g
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Kwagh, J.G., Macklin, J.J., Mitsis, P.G. and Ulmer, K.M.
Method for sequency and characterizing polymeric biomolecules using aptamers and a method for producing aptamers
Patent: WO 007155-A 1 30-NOV-2000;
Praelux Incorporated (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.

(bases 1 to 19)

darcia Lopez, J.Luis., Cortes Rubio, E., Guisan Seijas, J.Manuel.,

darcia Lopez, J.Luis., Diez Garcia, B., Collados de la Vieja, A.,

Vitaller Alba, A. and Salto Maldonado, F.

Process for modifying the enzyme 7. beta. - (4-carboxybutanamide)

cephalosporinacylase and purifying said enzyme in a single

chromatographic step

chromatographic step

patent: US 6146891-A 6 14-NOV-2000;
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                                                                                Antisense oligonucleotides to suppress eicosanoid formation
Patent: US 5859229-A 12 12-JAN-1999;
Location/Qualifiers
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Pred. No. 4e+02;
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    .19
    /organism="synthetic construct"
/mol__type="genomic DNA"

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Sequence 6 from patent US 6146871.
AR141675
AR141675.1 GI:15101191
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20 bp

20 cpuence 1 from Patent W00071755,

AX052895 GI:12226997
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7 c 8 g
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                   Unknown.
Unclassified.
1 (bases 1 to 18)
Kniss, D.A.
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     PAT 07-SEP-2001
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2337 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                                                                                                              Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1789 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
6 c 9 9 0 t
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
7 c 9 g 0 t
 AX216347 1789 from Patent WO0159103.
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Seguence 2337 from Patent WO0159103.
AX216895
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Sequence 12 from patent US 5859229.
AR029261
                                                 AX216347.1 GI:15526408
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PAT 12-JUN-2003
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Unclassified.

Unclassified.

SE 1 (bases 1 to 20)

RS Dean, N.M., McKay,R., Miraglia,L. and Baker,B.

RS Dean,N.M., McKay,R., Miraglia,L. and Baker,B.

RS Dean,N.M., McKay,R., Miraglia,L. and Baker,B.

Antisense oligonuclectide compositions and methods for the modulation of activating protein 1

modulation of activating protein 1

Location/Qualifiers

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Unclassified.

E 1 (bases 1 to 20)

RS Cohen,D., Chumakov,I. and Blumenfeld,M.

RS Gohen,D., Chumakov,I. and Blumenfeld,M.

Radisequilibrium map of the human genome
disequilibrium map of the human genome
Location/Qualifiers

Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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Unknown.
Unknown.
Unclassified.
B 1 (bases 1 to 20)
C Shang, H. and Cowsert, L.M.
Antisense modulation of caspase 3 expression
Antisense modulation of caspase 3 expression
Antisense modulation of ...
Location/Qualifiers
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ilarity 100.0%; Pred. No. 4.1e+02;
Conservative 0; Mismatches 0;
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Sequence 41 from patent US 6303374.
                                                                                                                                                                                                                                                                                                                                                                                                 AR176750 20 bp
Sequence 5 from patent US 6312900.
AR176750 GI:17919105
              AR172916
AR172916.1 GI:17912407
                                                                                                                                                                                                                                                                                                1442 GGCATCCACTGGTA 1455
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1 (bases 1 to 20)
1 (bases 1 to 20)
Antisense oligonuclectide compositions and methods for the inibition of c-Jun and c-Pos ratent: US 598558-A 5 16-NOV-1999;
Location/Qualifiers
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Monia, B.P. and Gaarde, W.A.
Antisense inhibition of focal adhesion kinase expression
Patent: US 6133031-A 17 17-OCT-2000;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 4.1e+02;
ive 0; Mismatches 0;
 /db_xref="taxon:32630"
/note="Synthetic DNA sequence"
2 c 11 g 0 t
                                                        Query Match
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Best Local Similarity 73.7%; Pred. No. 4e+02;
Matches 14; Conservative 2; Mismatches
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Sequence 17 from patent US 6133031.
AR116329
AR116329.1 GI:14096651
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Sequence 5 from patent US 5985558.
AR086184
AR086184.1 GI:10012950
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/organism="unknown"
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Unclassified.
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I bases to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
related to 18 6346398-A 5562 12-FEB-2002;
Location/Qualifiers
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Best Local Similarity 88.2%; Pred. No. 4.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels
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Matches 15; Conservative 0; Mismatches 2;
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E 1 (bases 1 to 17)

S De Canck, I., Mersch, G. and Rossau, R.

Method for typing of HLA alleles

Method for typing of HLA alleles

Location/Qualifiers

Location/Qualifiers
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AR190074
AR190074.1 GI:20236039
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Sequence 86 from patent US 6528261.
AR285007
AR285007.1 GI:29721913
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AR300148
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Best Local Similarity 100.0%; Pr
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                     Query Match 0.9%; Score 14; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 4.1e+02; Matches 14; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
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/db_xref="taxon:32630"
/nofe="SNP"
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Patent: WO 0200860-A 131 03-JAN-2002,
Sugen, Inc. (US)
Location/Qualifiers
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Sequence 131 from Patent WO0200860.
AX360175
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 841 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/ notation/Qualifiers
//mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and regent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 819 16-AUG-2001; RIBOZYME PHARMCEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
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Sequence 841 from Patent W00159103.
AX215399
AX215399.1 GI:15525442
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Best Local Similarity 88.2
Matches 15; Conservative
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AX215399
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Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 97 14-FB- 2021
NISSHINBO INDUSTRIES, INC. (JP); System Research Incorporation
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88.2%; Pred. No. 4.2e+02;
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                                        Unknown.
Unknown.
Unclassified.
3 1 (bases 1 to 17)
S Uckun,F.M. and Crotty,M.L.
Ikaros isoforms and mutants
AL Patent: US 637766-A 16 25-MAR-2003;
Location/Qualifiers
17 "...known" 1 t
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AX139249
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Sequence 86 from Patent WO9954496.
AX012584
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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   GI:31687467
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Homo sapiens
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AX139249
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Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids; eurosids II; Brassicales, Brassicaceae; Brassica.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: Wo 0192512-A 2195 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                 Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalla, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0122911-A 856 30-AUG-2001;
PRIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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tive 0; Mismatches 2;
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Sequence 856 from Patent WO0162911.
AX273287.1 GI:16546024
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/organism="Brassica rapa"
/mol_type="genomic DNA"
/db_xref="taxon:3711"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                   1370 GGGGGGGGGGGGCAG 1386
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Matches 15; Conservative
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Matches 15; Conservative
Best Local Similarity 88.2
Matches 15; Conservative
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AX326057
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AX273287/c
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1815 16-AUG-2001;
RIBOZYME PHARMACHOTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20
nogo gene expression
Patent: WO 0159103-A 3388 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
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/mol_type="mRNA"
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/note="Nucleic Acid"
10 c 6 g 1 t
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/mol_type="mRNA"
/db_xref="taxnn:32630"
/note="Nucleic Acid"
9 c 7 g 1 t
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Seguence 1815 from Patent WO0159103.
AX216373
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Sequence 2388 from Patent W00159103.
AX216946
/db_xref="taxon:32630"
/note="Nucleic Acid"
9 c 7 g
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PAT 27-SEP-2002
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Kakaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                    Bukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                    Jarvis, T., von Carlowitz, I., McSwiggen, J.A., Mclaughlin, F.G. a. Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 670 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 673 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GE
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0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2;
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88.2%; Pred. No. 4.2e+02;
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Sequence 354 from Patent EP1229046.
AX499047
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Sequence 673 from Patent WO0188124.
AX422337
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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AX422334.1 GI:21525716
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                                                                                                                                                                                   Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta, Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots, rosids, eurosids II, Brassicales, Brassicaceae, Brassica.
                                                                                                                                                                                                                                                       Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: W0 0192512-A 2196 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 669 22-NOV-2001;
Patent: WD 0188124-X 669 22-NOV-2001;
Patent: Docarion/Qualifiers
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88.2%; Pred. No. 4.2e+02;
ative 0; Mismatches 2;
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Sequence 2196 from Patent W00192512.
AX326058.1 GI:18096819
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Sequence 670 from Patent WO0188124.
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/mol_type="genomic DNA"
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/mol_type="mRNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                              / Match 0.9%; Score 13.8; DB 1; Length 17; Local Similarity 88.2%; Pred. No. 4.2e+02; nes 15; Conservative 0; Mismatches 2; Indels
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Patent: BP 1239051-A 813 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 814 11-SBP-2002;
Aeomica, Inc. (US)-
Location/Qualifiers
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Sequence 813 from Patent BP1239051.
AX531304
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Sequence 814 from Patent EP1239051.
AX531305
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX531304/c
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AX531305/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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           Zhan,J.
Human testis expressed patched like protein
Patent: EP 1229046-A 354 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 501 11-SEP-2002;
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Patent: BP 1239051-A 812 11-SEP-2002,
Aeomica, Inc. (US)
Location/Qualifiers
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/mol_type="genomic DNA"
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AX531303.1 GI:25254392
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AX531303/c
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           Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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88.2%; Pred. No. 4.2e+02;
iive 0; Mismatches 2; Indels
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AX531927
AX531927.1 GI:25255624
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Human posh-like protein 1
Patent: EP 1239051-A 1436 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                 Shannon, M.
Human posh-like protein 1
Patent: BP 1239651-A 1131 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 1748 11-SEP-2002;
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AX532239
AX532239.1 GI:25256265
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f c 5 g 2
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Homo sapiens
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Best Local Similarity 88.2
Matches 15; Conservative
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AX532239/c
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AX531927/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                     Homo sapiens (human)
Memo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 88.2%; Pred. No. 4.2e+02;
Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 4.2e+02;
tive 0; Mismatches 2; Indels
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Sequence 1131 from Patent EP1239051.
AX531622.1 GT:25255034
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AX531621
                                                                             DNA
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Human posh-like protein 1
Patent: EP 1239051-A 1130 11-SEP-2002,
Aeomica, Inc. (2)
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Patent: EP 1239051-A 1129 11-SEP-2002;
Acomica, Inc. (US)
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Seguence 1129 from Patent EP1239051.
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AX531620.1 GI:25255030
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AX531620/c
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synthetic construct
artificial sequences.

1 (bases 1 to 17)
Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
Kit and method for determining HLA type
Patent: Wo 0195572 - 1028 06-DBC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TA
KAGIPA, TAISUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
(C12Q1/68,C12R1:325),(C12Q1/68,C12R1:33),C12N15/00,C12N15/00 CC capture
Capture
Location/Qualifiers
Location/Qualifiers
TH Key
Location/Qualifiers
FT source
/organism='Mycobacterium tuberculosis'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Artificial Sequence
W0 019572-A/1028
W0 019572-A/1028
06-DEC-2001
01-JUN-2001 W0 2001JP004662
01-JUN-2000 JP 00P 164798
HIDBTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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C1201/68, C12M1/00, C12N1S/09, G01N33/53
Description of Artificial Sequence:capture
Key
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/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
/db_xref="taxon:1773"
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88.2%; Pred. No. 4.2e+02;
live 0; Mismatches 2;
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Xit and method for determining HLA type.
BD105163
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BD104924.1 GI:22650498
WO 0192572-A/1028.
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PD 06-DEC
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PI HIDETC
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BD105163
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JP 2001103981-A/97.
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Gateria, Actinobacteria; Actinobacteriums
Corymebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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PN JP 2001103981-A/97
PD 17-ARR-2001
PP 26-JUJ-2000 JP 2000225985
PI SADAHIXO SUZUKI,MICHIO NISHIDA,SOICHIRO TAKENISHI PC C12N15/09,C12N1/00,C12Q1/68//(C12Q1/68,C12R1:32), PC
                                                                                                                                                                          Gaps
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.larity 88.2%; Pred. No. 4.2e+02;
Conservative 0; Mismatches 2; Indels
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Suzuki,S., Nishida,M. and Takenishi,S.
Diagnosis kit of tubercle bacillus
Patent: JP 200110391-A 97 17-APR-2001;
NISSHINBO IND INC, SYSTEM RESEARCH CO LTD
NO Mycobacterium tuberculosis
PN JP 2001103911-A/97
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                                                                                                                                                                                                                                                                                                                  17 bp 1
Sequence 400 from Patent EP1281758.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                     1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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       Inc. (US)
Location/Qualifiers
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AX687668
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    PAT 07-0CT-1997
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                                                                     Unclassified.

B (hases 1 to 17)

S Mitchash, M. and Cooper, A.

Method for detecting polynucleotides with immobilized polynucleotide probes identified based on T. Bub.m.

AL Patent: US 5639612-A 458 17-UN-1997;

Location/Qualifiers
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Pred. No. 4.3e+02;
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1 (bases 1 to 18)

Brysch, W. and Schlingensiepen, K.
AN ANTISENSE CLICONUCLECTIDE PREPARATION METHOD PATENT: WO 9833904-A 151 06-AUG-1998;

BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)

Location/Qualifiers
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1 (bases 1 to 18)

Brysch, W.D. and Schlingensispen, K.D.
An antisense oligonucleotide preparation method
Patent: BP 0856579-A 151 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                           Score 13.8; DB 1;
Pred. No. 4.2e+02;
0; Mismatches 2;
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17 bp Di
Sequence 458 from patent US 5639612.
146479
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Sequence 151 from Patent EP0856579.
A89970.
A89970.1 GI:6738484
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Sequence 151 from Patent WO9833904.
A88003.
A88003.1 GI:6736573
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
1 5 c 11 g
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A88003
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A89970
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Mitsuhashi,M. and Cooper,A.
Mitsuhashi,M. and Cooper,A.
Method for detecting polymucleotides with immobilized
polymucleotide probes identified based on T.sub.m
Patent: 18 5639612-A 457 17-JUN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                      0.9%; Score 13.8; DB 1; Length 17;
llarity 88.2%; Pred. No. 4.2e+02;
Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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    BD105163.1 GI:22650737
WO 0192572-A/1267,
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RESULT 252 146479/c

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PAT 20-APR-2002
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1 (bases 1 to 18)

Pavoo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 3041 12-FEB-2002;
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Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Pred. No. 4.3e+02;
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Antiense modulation of G-alpha-11 expression
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                                                                                AR073408 18 bp 1
Sequence 48 from patent US 5951455.
AR073408.1 GI:10000172
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5 c 12 g
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AR187553
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AR073408
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Unclassified.
1 (bases 1 to 18)
Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TNF. alpha. ribozymes
Patent: US 5811300-A 1129 22-SBP-1998;
Location/Qualifiers
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88.2%; Pred. No. 4.3e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 4.3e+02;
0; Mismatches 2; Indels
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Patent: EP 0953650-A 44 03-NOV-1999;
INNOGENETICS NV (BE)
                1. 18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 5 c 11 g 1
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644" 3
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Sequence 44 from Patent EP0953650.
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11 Similarity 88.2%;
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Matches 15; Conservative
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                PAT 29-JAN-2003
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Purified transcription factor cdf-1 and its use
Patent: WO 9927922-A 17 03-UUN-1999;
LIU NINGSHU (DE); WUELLER ROLF (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                        0.9%; Score 13.8; DB 1;
88.2%; Pred. No. 4.3e+02;
tive 0; Mismatches 2;
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Unknown.
Unknown.

E 1 (bases 1 to 18)

Ks Wright, D.A. and Voytas, D.F.

Plant retroelements

Plant retroelements

Location/Qualifiers

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1 (bases 1 to 18)
De Canck, I., Mersch, G. and Rossau, R. Method for typing of HLA alleles
Patent: US 6528261-A 44 04-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                            AR284966 19 bp 1
Sequence 44 from patent US 6528261.
AR284966 1 GI:29721872
            18 bp
Sequence 2 from patent US 6331662.
AR264376
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Sequence 17 from Patent WO9927092.
AX003659
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a 5 c 7 g
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                                                          AR264376.1 GI:28076504
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Homo sapiens
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Best Local Similarity 88.2
Matches 15; Conservative
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AX003659
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AR284966
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Unclassified.

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Unclassified.

Wuller, R., Luu, N., Zwicker, J. and Sedlacek, H.-H.

Nucleic acid construct for the cell cycle regulated expression of structural genes

Batchiral genes

Fatent: US 380170-A 14 30-APR-2002;

Location/Qualifiers

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...anism="unknown"

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1 (bases 1 to 18)

2 (bases 1 to 18)

Swick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.

Nucleic acid encoding delta-9 desaturase

Patent: US 6350934-A 1167 26-FEB-2002;

Location/Qualifiers
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88.2%; Pred. No. 4.38+02;
.ve 0; Mismatches 2; Indels
                                                                       Query Match 0.9%; Score 13.8; DB 1; Length 18; Best Local Similarity 88.2%; Pred. No. 4.3e+02; Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 4.3e+02;
tive 0; Mismatches 2;
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Sequence 14 from patent US 6380170.
AR208235.
AR208235.1 GI:21508199
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/organism="unknown"
a 11 c 6 g
            1. .18
/organism="unknown"
1 10 c 5 g
Location/Qualifiers
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Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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AR196702/C
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AR208235
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Bergeron, M.G., Boissinot, M., Huletsky, A., m Nard, C., Ouellette, M., Picard, F.J. and Roy, P.H.
Highly conserved genes and their use to generate probes and primers for detection of microorganisms
Patent: WO 0123604-A 2167 05-APR-2001;
Infectio Diagnostic (I.D.I.) INC. (CA)
                                                                                                                            PAT 29-MAY-2002
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Patent: WO 0179273-A 6 25-OCT-2001;
WISCONSIN ALUMNI RESEARCH FOUNDATION (US) ; Kawaoka, Yoshihiro (US)
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Pred. No. 4.3e+02;
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/organism="synthetic construct"
/orl_type="genomic DNA"
/db_xref="texon:35630"
/noTe="A primer"
5 A 7 c 3 g 3 t
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/mol_type="genomic DNA"
/db_xref="texon.32630"
/note="Oligonucleotide"
                                                                                                                            DNA
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Sequence 6 from Patent WO0179273.
AX286197.1 GI:17046061
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                 798 AGGACCIGAGCCCCGGG 814
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                                              2 AGGACCTGAGCTCCTGG 18
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Best Local Similarity 88.2%;
Matches 15; Conservative (
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AX111434/c
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AX286197
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Patent: WO 995496-A 42 28-OCT-1999;
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE); MERSCH
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Purified transcription factor cdf-1 and its use
Patent: WO 9927092-A 21 03-JUN-1999;
LIU NINGSHU (DE); MUELLER ROLF (DE)
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| /organism="synthetic construct"
| /mol type="genomic DNA"
| /db_xref="taxon:32630"
| /note="Mutant construct"
| a | 1 c | 10 g | 3 t
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Sequence 44 from Patent W09954496.
AX012542 AX012542.1 GI:9998537
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Sequence 21 from Patent W09927092.
AX003663.
AX003663.1 GI:9927452
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1 c 9 g '
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OC Artificial sequence; Genes.

PN JP 1934000085-A/109

PD 11-JAN-1992 JP 1992194497

PF 11-UUN-1991 JP 91P 139266, 12-JUL-1991 JP 91P 172794, PR 11-UUN-1991 JP 91P 287008, 16-DEC-1991 JP 91P 332329, PR 20-APR-1992 JP 92P 287008, 16-DEC-1991 JP 91P 332329, PR PR INCUMONO, PR PREMI MAKAONO, HONDA YOSHIKAZU, TRAAHAGHI KAZUNOBU, PI MURAKAMI TOMOKO, PI TERANISHI YUTAKA, HAYASHI NORIO PC C12N15/11,C12N5/10,C07K7/10,C07K7/10,C07K13/00,A61K39/29, PC C12N15/11,C12N5/10,C12N15/10,C12N191),(C12N21/02,PC C12N1191), C12N19/10,C12N191), C12N1919), C12N19191, C2N191910, C
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artificial sequences.
1 (bases 1 to 18)
Sebi,M., Honda,Y., Takahashi,K., Murakami,T., Teranishi,Y. and
Hayashi,N.
GENE OR DNA FRAGMENT DERIVED FROM HEPATITIS C VIRUS, POLYPEPTIDE
PATENE: JP 1994000085-A 109 11-JAN-1994;
unidentified
unidentified
unclassified.
unclassified.
1 (Dasse 1 to 18)
Schlingensiepen, K.H. and Brysch, W.
An antisense Oligonucleoride preparation method
Patent: JP 2011511000-A 151 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                                                                                                          Unknown
JP 2001511000-A/151
30-JAN-1998 JP 1998532533
30-JAN-1999 JP 1998532533
31-JAN-1997 JP 97101531,8
31-JAN-1997 JP 97101531,8
C12N15/11,C07H21/04,A61K31/70
An antisense oligonucleotide preparation method FH
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/organism='Unknown'
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/organism="unidentified"
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88.2%; Pred. No. 4.3e+02;
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/note="HUF2A antisense primer"
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 4909 from Patent EP1260586.
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Sequence 29 from Patent WO0250285.
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Unclassified.
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Lupski, J.R., Versalovic, J. and Koeuth, T.
Lupski, J.R., Versalovic, J. and Koeuth, T.
Fingerprinting bacterial strains using repetitive DNA sequence amplification
Patent: US 5691136-A 56 25-NOV-1997;
Location/Qualifiers
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Lupski, J.R., Koeuth, T. and Versalovic, J.
Fingeriprinting bacterial strains using repetitive DNA sequence amplification
Patent: US 5523217-A 57 04-JUN-1996;
Location/Qualifiers
1 (bases 1 to 18)
Lupski,J.R., Koeuth,T. and Versalovic,J.
Fingerprinting bacterial strains using repetitive DNA sequence
amplification
Patent: US 5523217-A 56 04-UUN-1996;
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Sequence 56 from patent US 5691136.
176077
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/organism="unknown"
a 8 c 5 g
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a 5 c 8 g
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Best Local Similarity 88.2<sup>§</sup>
Matches 15; Conservative
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strandedness: Single;
topology: Linear:
Location/Qualifiers
                                                                                                                                                                                                                                                                                     E06465.1 GI:2174652
JP 1994000086-A/109.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
Seki,M., Honda,Y., Takahashi,K., Murakami,T., Teranishi,Y. and
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="genomic DNA"
/db_xref="fexacon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xrefe"taxon:32630"
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Sequence 56 from patent US 5523217.
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121664.1 GI:1602018
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RESULT 274 I21664/c LOCUS

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Unknown.
Unclassified.
Unclassified.

1 (bases I to 19)
1 (bases I to 19)
Stevens,J.K., Dunn,J.M., Leushner,J. and Green,R.J.
Method for evaluation of polymorphic genetic sequences, and the use thereof in identification of HLA types
thereof in identification of HLA types
Patent: US 5834189-A 6 10-NOV-1998;
Location/Qualifiers
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Unclassified.

1 (bases 1 to 19)
Leushner7., Hui,M., Dunn,J.M. and Larson,M.T.
Leushner7 and Hui,M., Dunn,J.M. and Larson,M.T.
Method for amplification and sequencing of nucleic acid polymers
Patent: US 5789168-A 6 04-AUG-1998;
Location/Qualifiers
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Unknown.
Unclassified.
1 (bases I to 19)
1 (bases I to 19)
Leushnerr.J., Hui,M., Dunn,J.M. and Larson,M.T.
Method for single-tube sequencing of nucleic acid polymers
Patent: US 5330657-A 6 03-NOV-1998;
Location/Qualifiers
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88.2%; Pred. No. 4.3e+02;
tive 0; Mismatches 2; Indels
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0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2;
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Sequence 6 from patent US 5834189.
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Sequence 6 from patent US 5830657.
AR051219
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/organism="unknown"
A 7 c 8 g
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/organism="unknown"
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                                                                                                                                                                                           Unknow...
Unclassified.
1 (bases 1 to 18)
Lupski,J.R., Versalovic,J. and Koeuth,T.
Fingerprinting bacterial strains using repetitive DNA sequence amplification
amplification.
Patent: US 5691136-A 57 25-NOV-1997;
Location/Qualifiers
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Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Matches 15; Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
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Sequence 57 from patent US 5691136.
176078
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Sequence 6 from patent US 5789168.
AR020487.1 GI:3975102
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5 c 8 g
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A33509
A33509.1 GI:1567949
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synthetic construct
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1 (bases 1 to 19)
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    17 CGGACTGGGACAGCTCG
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AR020487/C
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A33509/c
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PAT 15-MAY-2001
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Mammalia; Eutheria; Primates; Catarrhini, Hominidae; Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
diseases
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0.9%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                        Length 19;
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Unclassfiled.
1 (bases 1 to 19)
Matsuyama, T., Grossman, A. and Richardson, C. Donald.
Genes encoding LSIRF polypeptides
Patent: US 6369202-A 10 09-APR-2002;
Location/Qualifiers
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Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2;
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/noTe="Cdk2 ribozyme binding
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IMMUSOL, INC. (US)
Location/Qualifiers
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t
LSIRF polypeptides
Patent: US 6258935-A 10 10-JUL-2001;
Location/Qualifiers
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Sequence 188 from Patent WO0130362.
AX128970
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Sequence 10 from patent US 6369202.
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/organism="unknown"
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AR205717.1 GI:21503370
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1 (bases 1 to 19)
Johnson, L. D., Nachtigal, M. and Hunt, M.
Johnson, L. D., Nachtigal, M. and Hunt, M.
Method diagnosing cancer in human cells using a reverse
transcriptase-polymerase chain reaction for identifying the
presence of stromelysin-3
Patent: US 5952200-A 5 14-SEP-1999;
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llarity 88.2%; Pred. No. 4.3e+02;
Conservative 0; Mismatches 2; Indels
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    (bases 1 to 19)
    Matsuyama, T., Grossman, A. and Richardson, C. Donald.

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t
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Unclassified.
1 (bases 1 to 19)
Matsuyama, T. and Grossman, A.
Genes encoding LSIRF polypeptides
Patent: US 5891666-A 10 06-APR-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19 bp
Sequence 10 from patent US 6258935.
AR162790
AR162790.1 GI:16230131
                                                                         AR069473 19 bp
Sequence 10 from patent US 5891666.
AR069473.1 GI:7220361
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AR073794
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 18 GCCGCGCGGTGGACACC
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AR162790
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Penger, A., Sprenger, R. and Brinkmann, U.
Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 0999099-A 238 12-DEC-2002;
Bpidauros Biotechnologie AG (DE)
Location/Qualifiers
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Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099099-A 241 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
                      PAT 24-FEB-2003
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0.9%; Score 13.8; DB 1; Length 1
Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
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6 c 3 g 9 t
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/db_xref="taxon:32630"
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               Sequence 238 from Patent WO02099099. AX643372
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Sequence 241 from Patent W002099099.
AX643375.1 GI:28551019
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JP 1999032768-A/15.
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AX643375
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                           Robbins,J.M. and Tritz,R.
Ribozyme therapy for the treatment of proliferative skin and eye
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Pyrosequencing AB (SB); The Board of Trustees of The Leland Stanford Junior University (US)
Location/Qualifiers
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/organism="Homo sapiens"

/mol type="genomic DNA"

/db_xref="taxon:9606"

/note="PCNA HH ribozyme binding site"

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer - Eu6 (1)"
2 a 6 c 4 g 5 t
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0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred, No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 2;
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88.2%; Pred. No. 4.3e+02;
tive 0; Mismatches 2;
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IMMUSOL, INC. (US)
Location/Qualifiers
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Method
                                                                                                               AX132668 19 bp D1
Seguence 3886 from Patent WOO130362.
AX132668
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Sequence 16 from Patent WO0220837.
AX398139 AX398139.1 GI:21260954
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344 AAGATCTCCAGAAACTC 360
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                    3 AAGAICTCAAGAAATIC 19
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AX398139/c
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AX132668
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RESULT 289

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Schalling, W. Hudson, T.J. and Housman, D.E.
Direct detection of expanded nucleotide repeats in the human genome
Patent: US 5695933-A 7 09-DEC-1997;
Location/Qualifiers
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                   Gaps
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Unclassified.
1 (Dases I. to 19)
1 (Dases I. to 19)
2 Drown, S. Joel., Dattagupta, N. and Naidu, Y. M.
Mcthod for inhibiting cellular proliferation using antisense oligonucleotides to interleukin-6 receptor mRNA
Patent: US 5716846-A 12 10-FEB-1998;
Location/Qualifiers
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tive 0; Mismatches 2; Indels
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Sequence 79 from Patent WO0134654.
AX146617
AX146617.1 GI:14285010
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Sequence 7 from patent US 5695933.
184406
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11 c 22 g
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                                              682 CAAGGCACATATCCACT 698
                                                                         1 CAAGACACATATCAACT 17
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   Best Local Similarity 88.2
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15, Conservative
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PC C12P21/02,
PC C12P21/08, G01N33/53//(C12N1/21,C12R1:19), (C12N5/10,C12R1:91),
PC C12P21/08, G12R1:91),C12N1/21,C12R1:9), (C12N5/10,C12R1:91),
CC Topology: Linear;
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CI2N15/09,A01H5/00,C07K14/415,C07K16/16,C12N1/21,C12N5/10, PC
                                                                                                                                                 HIROSHI KIDO,MASAHIRO INOUE
C12N15/09,A61K38/55,A61K38/55,A61K39/395,A61K48/00,C07K7/00,
C07K16/40,
C12N9/64,C12N15/00,A61K37/64,A61K37/64
Strandedness: Single;
Topology: Linear;
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88.2%; Pred. No. 4.3e+02;
ive 0; Mismatches 2; Indels
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Gene participating in flower formation of plant.
E30322
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Shinichiro, S. and Kiyotaka, O.
Gene participating in flower formation of plant
Patent: Jup 1999318462-A 9 24-NOV-1999;
MITSUI GIYOUSAI SHOKUBUTSU BIO KENKYUSHO
OS Unidentified
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/organism='Unidentified'.
Location/Qualifiers
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1 (bases 1 to 19)
Hiroshi, K. and Masahiro, I.
Novel acidophil serine protease
Patent: JP 1999032768-A 15 09-FEB-1999;
ONO PHARMACEUT CO LTD
                                                                                                                                                                                                                                                                                                    1. .19
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 5 c 10 g 1
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                         Unidentified
JP 1999032768-A/15
09-FEB-1999
16-JUL-1997 JP 1997191319
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24-NOV-1999
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JP 1999318462-A/9.
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                                  Length 45;
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93.3%; Pred. No. 4.7e+02;
tive 0; Mismatches 1; Indels
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 293 05-AUG-1998;
BIOGNOSTIK GES (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 15)
Brysch, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCECTIDE PREPARATION METHOD
Patent: WO 9833904-A 293 06-AUG-1998;
BIOGNOSTIX GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
                               Score 13.6; DB 1;
Pred, No. 4.6e+02;
0; Mismatches 9;
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Sequence 293 from Patent WO9833904.
ABB145
ABB145.1 GI:6736715
                                                                                             1432 GGCCACCGCGGGCATCCACTGGTACTCG 1459
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/organism="unidentified"
/mol_type="genomic DNA"
/db_tref="texon:32644" 1
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Sequence 293 from Patent EP0856579.
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity 67.9%;
Matches 19; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1 (bases 1 to 20)
Shuber,A.P.
Universal primer sequence for multiplex DNA amplification
Patent: US 6207372-A 29 27-MAR-2001;
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0.9%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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0.9%; Score 13.8; DB 1;
Best Local Similarity 58.5%; Pred. No. 4.5e+02;
Matches 24; Conservative 0; Mismatches 17;
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Patent: WO 0134554-A 74 17-MAY-2001,
BIOGEN, INC. (US)
Location/Qualifiers
                                                     Strauch, K.
Hedgehog fusion proteins and uses
Patent: WO 0134654-A 79 17-MAY-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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Sequence 29 from patent US 6207372.
AR139321. GI:14481817
                                                                                                                                     /organism="Homo sapiens"
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_zref="taxon:9606"
a l0 c 14 g l1
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Sequence 74 from Patent WO0134654.
AX146612 GI:14285005
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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9 c 11 g
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Homo sapiens
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Stuyver,L.
Method for detection of drug-selected mutations in the hiv protease
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                                                                                                                                                                                                                                                                                          Unknown.
Unclassified.
1 (bases 1 to 15)
Lansdorp,P.
Method for detecting multiple copies of a repeat sequence in a nucleic acid molecule nucleic acid molecule patent: US 6514693-A 13 04-FEB-2003;
Location/Qualifiers
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Best Local Similarity 93.3%; Pred. No. 4.7e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:11966"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Fatent: WO 9967428-A 451 29-DEC-1999;
INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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Sequence 13 from patent US 6514693.
AR278935
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Sequence 451 from Patent WO9967428.
AX007909
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AR278935
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Unclassified.
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I (bases) (Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 21 09-NOV-1999;
Location/Qualifiers
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0.9%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
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1 (bases 1 to 15)
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 51 27-FBB-2001;
Location/Qualifiers
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AR131624
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                              AkU84532
Sequence 21 from patent US 5981185.
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/organism="unknown"
/a 3 c 5 g
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/organism="unknown"
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AR084532.1 GI:10011303
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BD132342.1 GI:23227287

Synthetic construct

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artificial sequences.

CE 1 (bases 1 to 15)

Roster.H., Little,D.P., Braun,A., Lough,D.M., Xiang,G.,

Boom,D.V.D., Jurinke,C. and Rupert,A.

DNA diagnosis method based on mass spectrometry

Retent: JP 2002507883-A.274

Retent: JP 2002507883-A.274

Petent: JP 2002507883-A.274

PD 12-MAR-2002

PR 06-NOV-1997 US 1999521832

PR 06-NOV-1996 US 08/744481,06-NOV-1996 US 08/746036 PR

06-NOV-1996 US 08/744481,06-NOV-1996 US 08/746039 PR

13-ARN-1997 US 08/746055,06-NOV-1997 US 08/746199 PR

KOSTER,DANIEL P LITTLE,ANDREAS BRAUN,DAVID M LOUGH, PI GUOBING
                                                                                                                                                                                                                                                                                                                                                                                            HUBERT
                                        PAT 18-SEP-2002
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1 (bases 1 to 16)

West, M.D., Shay, J. and Wright, W.E.
Method for screening for agents which increase telomerase activity in a cell
Patent: US 58306444 AS 83 3.NOV-1998;
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C12Q1/68,C07H21/00,C07F9/24
CC Strandedness: Single;
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DNA diagnosis method based on mass spectrometry
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/organism="synthetic construct"
/mol_type="genomic DNA"
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/organism="unknown"
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                    PAT 08-JAN-2002
                                                                                                                                                                     Koester, H., Little, D.P., Braun, A., Jurinke, C., van den Boom, D., Xiang, G., Lough, D.M., Ruppert, A. and Hillenkamp, F. Dna diagnostics based on mass spectrometry Patent: EP 1164203-A 274 19-DEG-2001; SEQUENOM, INC. (US)
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S chlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
D Patent: JP 2001511000-A 293 07-AUG-2001;
BIGGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
D 70-2001511000-A/293
PN JP 2001511000-A/293
PN JP 2001511000-B/293
PN JP 30-GNN-1996 BP 99101531.8
PF 31-GAN-1997 BP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC CIZNIS/11,007H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Ker
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07-AUG-2001
30-GAN-1998 BP 1998532533
31-GAN-1997 BP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, A6f.K31/70
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Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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/organism='Unknown'
Location/Qualifiers
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Sequence 274 from Patent BP1164203.
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/organism="unidentified"
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 Asthma-associated gene
Patent: WO 03008640-A 19 30-JAN-2003;
Novartis AG (CH); Novartis Pharma GmbH (AT); Wake Forest
University Health Sciences (US); Rijksuniversiteit te Groningen (NL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
Unclassified.
Unclassified.
1 (Dasses 1 to 16)
West,M.D., Shay,J., Wright,W., Blackburn,E.H. and McEachern,M.J.
Telomerase activity assays for diagnosing pathogenic infections
Patent: US 5695932-A 57 09-DEC-1997;
Location/Qualifiers
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Unclassified.
I (bases 1 to 16)
I (bases 1 to 16)
Wetlyn.D., Harley.C.B., Strahl,C.M., McEachern,M.J., Shay,J., Wright,W.B., Blackburn,E.H. and Vaziri,H.
Therapy and diagnosis of conditions related to telomere length and/or telomerase activity
and/or telomerase activity
Patent: US 5645986-A 58 08-VUJ-1997;
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 1; Indels
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0.9%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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/organism="unknown"
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1 (bases 1 to 16)
West,M.D., Harley,C.B., Weinrich,S.L., Strahl,C.M., McBachern,M.J., Shay,J. Wright,W.E., Blackburn,E.H., Kim,N.W. and Vaziri,H. Diagnostic methods for conditions associated with elevated cellular levels of telomerase activity
Patent: US 6551774-A 80 22-APR-2003;
Location/Qualifiers
                                                                  PAT 20-JUN-2002
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Cararrhini; Hominidae; Homo.
                                                                                                                                                        Unknown.
Unknown.
Unclassified.
Unclassified.
I (basses 1 to 16)
West.M.D. Shay,J., Wright,W. and Blackburn,E.H.
Screening methods to identify inhibitors of telomerase activity
Patent: US 6369789-A 57 09-APR-2002;
Patent: US cation/Qualifiers
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Sequence 19 from Patent W003008640.
AX696120
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                                                           Sequence 57 from patent US 6368789. AR204607
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1 (bases 1 to 17)
Sivaraman V.S., Wang.H.-y. and Malbon,C.C.
Antisense oligonucleotides for mitogen-activated protein kinases as
therapy for cancer
Patent: US 6271210-A 4 07-AUG-2001;
Location/Qualifiers
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Method for detection of drug-selected mutations in the hiv protease
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93.3%; Pred. No. 4.8e+02;
lve 0; Mismatches 1; Indels
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/organism="Aids-associated retrovirus"
/mol_type="genomic DNA"
/db_xref="taxon:11966"
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93.3%; Pred. No. 4.8e+02;
tive 0; Mismatches 1;
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INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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Sequence 438 from patent US 6528640.
AR286066
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Sequence 463 from Patent W09967428.
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Sivaraman, V.S., Wang, H.-y. and Malbon, C.C.
Antisense oligonucleotides for mitogen-activated protein kinases as therapy for cancer
Patent: US 6271210-A 3 07-AUG-2001,
Location/Qualifiers
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1 (bases 1 to 17)
Nadaeu, J.G., Hsieh, H.V., Pitner, J.Bruce. and Linn, C.Preston.
Detection of nucleic acids by fluorescence quenching
Patent: US 6130047-A 10 10-OCT-2000;
Locarion/Qualifiers
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0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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AR164080
AR164080.1 GI:16235018
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AR164081
AR164081.1 GT:16235020
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AR164081/c
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AR112330/c
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                                                                    PAT 07-SEP-2001
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Patent: WO 0157206-A 184 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
                                                                                                                                                                                                                 Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression

Patent: WO 0159103-A 2393 16-AUG-2001;

RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)

Location/Qualifiers
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/organism="synthetic construct"
/or_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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/mol_type="mRNA"
/db_xref="taxon:32630"
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Sequence 2393 from Patent WO0159103.
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Sequence 551 from Patent WO0157206.
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Sequence 184 from Patent WO0157206.
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AX226812.1 GI:15555953
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 818 16-AUG-2001;
RIBOZYME PHARMACEUTICALE, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 839 16-AUG-2001;
RIBOZYME PHARMACEUTALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol_type="mRNA"
/db_xrsef="taxon:32630"
/note="Nucleic Acid"
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Sequence 839 from Patent WO0159103.
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AX215397/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Randi,A.M.
Patchod and reagent for the inhibition of erg
Patcht: WO 0188124-A 1215 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1251 22-NOV-2001;
Patents WO 0188124-A 1251 22-NOV-2001;
Patents WO OLOGIUSE PATENACEUTICALS, INC. (US) , GLAXO GROUP LIMITED (GB)
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Patent: WO 0220837-A 29 14-MAR-2002;
Pyrosequencing AB (SB); The Board of Trustees of The Leland Stanford Junior University (US)
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Sequencing primer - A063FS"
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Sequence 1251 from Patent WO0188124.
AX422915.
AX422915.1 GI:21526297
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Sequence 1215 from Patent WO0188124.
AX422879.1 GI:21526261
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/mol_type="mRNA"
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AX422879
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                                                                                                             Fattaey, A.R., Jarvis, T., Mcswiggen, J., Booher, R.N. and Holman, P.S. Method and reagent for the inhibition of checkpoint kinase-1 (chk l) enzyme Patent: WO 0157206-A 551 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 632 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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/mol_type="mRNA"
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Sequence 29 from Patent W00220837.
AX398152 AX398152.1 GI:21260967
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AX227179.1 GI:15556320
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AX398152/c
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RESULT 324 AX273063/c LOCUS DEFINITION

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PAT 31-MAR-2003
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human testis expressed patched like protein
Patent: EP 1229046-A 163 07-AUG-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 164 07-AUG-2002;
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Sequence 164 from Patent EP1229046.
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Sequence 401 from Patent BP1281758.
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AX498856
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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PERCHI: WO 0188124-A 1935 22-NOV-2001;
PRECENT: WO 0188124-A 1935 12-NOV-2001;
PRECENT: PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Patent: BP 1229046-A 162 07-AUG-2002;
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AX423599.1 GI:21526981
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Sequence 162 from Patent EP1229046.
AX498855
AX498855.1 GI:23381148
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/mol_type="mRNA"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                 Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
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Aeomica, Inc. (US)
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates; Catarrhini, Hominidae, Homo.
                                                                                                                              Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Pour human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                                               Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                             Patent: EP 1281758-A 401 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 479 from Patent EP1281758.
AX687747
                                                                                                                                                                                                                        1. .17
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AX687669.1 GI:29410365
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                                                 Homo sapiens (human)
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AX687670
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5 C

Gaps

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
1 (bases 1 to 17)
2 sivaraman, V.S., Wang, H.Y. and Malbon, C.C.

3 Antisense oligonucleotides for mitogen-activated protein kinases as therapy for breat cancer

1. Patent: JP 200151881-A 3 16-OCT-2001;
THE RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK
OS Homo sapiens (human)
PD 16-OCT-2001
PP 19-MAR-1998 JP 1998541700
PI VIMALA S SIVARAMAN, HSTEN YU WANG, CRAIG C MALBON PC
C12N15/11.A61K31/70.C1201/68//A61K48/00
CC The molecular type is mRNA which is antisense. FH Key
Location/Qualifiers
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BD058091
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 682 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                 Length 17;
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0.9%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1;
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Sequence 682 from Patent WO03025175.
AX729048
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2001518881-A/3.
Homo sapiens (human)
Homo sapiens
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AX729048
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BD058091/c
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 1117 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Outlier 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1;
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AX728094
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1117 from Patent WO03025176.
AX722430
AX723430.1 GI:30423931
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1. .17
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AX728094
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Gaps

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Unclassified.
1 (bases 1 to 17)
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1 (bases 1 to 17)
1 Chandy, K.G., Kalman, K., Chandy, G. and Gutman, G.A.
Voltage-gated potassium channel gene, KVI.7, vectors and host cells
Comprising the same, and recombinant methods of making potassium
channel proteins
Patent: US 5559009-A 12 24-8EP-1996;
Location/Qualifiers
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C
PF 22-SEP-1998 JP 1998267492
PR 23-SEP-1997 US 08/933749
PI JAMES G NADEAU, HELEN V C,J BLUCE PITONA,C PRESTON RIN PC C12Q1/68, CO7H21/00, C12N15/09 GOIN21/64//GOIN33/542, GOIN33/566, C12N15/00
CC Location/Qualifiers
FH Key Location/Qualifiers
FT source 1. 17
/organism='Artificial Sequence'.
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unidentified
unclassified.
1 (bases 1 to 18)
Huttner, E. and Betzner, A.S.
PROTEIN COMPLEMENTATION IN TRANSGENIC PLANTS
PACHEL NO 9837211-A 44 27-AUG-1998;
GENE SHEARS PTY LTD (AU); HUTTNER ERIC (AU)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.9%; Score 13.4; DB 1; 187.5%; Pred. No. 4.8e+02; tive 0; Mismatches 2;
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0.9%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 12 from patent US 5559009.
126645
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Sequence 44 from Patent WO9837211.
A87319
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E. (Dases 1 to 17)

S. (Autisense of 10 mg/H.Y. and Malbon, C.C.
Antisense oligonucleotides for mitogen-activated protein kinases as therapy for breast cancer

I. Patent: JP 2001518881-A 4 16-OCT-2001,

THE RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK
OS Homo sapiens (human)
PN 19-2001518881-A/4

PD 16-OCT-2001

PF 19-MAR-1998 JP 1998541700

PI VIMALA S SIVARAMAN, HSIEN YU WANG, CRAIG C MALBON PC
C12N15/11, A61K31/70, C12Q1/68//A61K48/00

CC The molecular type is CDNA which is antisense. FH Key Location/Qualifiers.
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Detection of nucleic acid by disappearance of fluorescence.
E33640
UP 199011 GI:13027035
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1 (bases 1 to 17)

2 (bases 1 to 17)

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Defection of mucleic acid by disappearance of fluorescence Patent: UP 1999155598-A 10 15-UUN-1999;

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PO 1999155598-A/10
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Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
   /mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                                                                                                                                                van Roy,F., Goossens,S., Janssens,B. and Vanpoucke,G.
Novel g(a) expressed in heart and testis
Patent: W0 20264636-A 101 17-JAN-2002;
Vlaams Interuniversaltair Instituut voor Biotechnologie vzw. (BE)
Location/Qualifiers
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Patent: Wo 0226968-A 198 04-APR-2002;
University of Ottawa (CA); Aggera Therapeutics Inc. (CA)
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 1;
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/note="based on Homo sapiens"
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Sequence 101 from Patent WO0204636.
AX353569
AX353569.1 GI:18618644
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Sequence 87 from Patent W002077272.
AX598747.
AX598747.1 GI:28398885
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Purified transcription factor cdf-1 and its use
Patent: WO 9927092-A 24 03-UUN-1999;
LIU NINGSHU (DE); MUELLER ROLF (DE)
Location/Qualifiers
                                                       Query Match
Best Local Similarity 93.3%; Pred. No. 4.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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Monia B.P. and Cowsert, L.M.
Antisense inhibition of EGR-1 expression
Patent: US 6008048-A 12 28-DEC-1999;
Location/Qualifiers
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Sequence 12 from patent US 6008048.
AR096628 1 GI:10025593
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Sequence 24 from Patent W09927092.
AX003666
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Stuyver,L. Method for detection of drug-selected mutations in the hiv protease
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Plakoglobin interacting proteins
Patent: WO 0185933-A 30 IS-NOV-2001;
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
Location/Qualifiers
                                                                                  Unknown.
Unknown.
Unclassified.

I (bases 1 to 19)

Lichter, J.B. and Guida, M.
Isolated CYP3A4 nucleic acid molecules and detection methods
Isolated CYP3A4 nucleic acid molecules and cuction methods
Patent: US 642639-A 43 13-AUG-2002;

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/mol_type="qenomic DNA"
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Patent: WO 9967428-A 361 29-DEC-1999;
INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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Sequence 361 from Patent WO9967428.
AX007819
Sequence 43 from patent US 6432639.
AR222933
AR222933.1 GI:23330770
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Sequence 30 from Patent WO0185933.
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E 1 (bases 1 to 18)
S Paul, W., Percez, P., Huttner, E. and Betzner, A.S.
Frotein complementation in transgenic plants
D Patent: UP 2001512322-A 41 21-AUG-2001;
PD 21-AUG-2001
PP 20-FEB-1998 UP 1998536400
PR 21-FEB-1997 GB 9703681.8
PI WYATT PAUL, PASCUAL PEREZ, ERIC HUTTNER, ANDREAS STEFAN BETZNER
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PF 20-FEB-1998 JP 1998536400

R 21-FEB-1997 GB 9703681.8

PI WYATT PAUL, PASCUAL PEREZ, ERIC HUTTNER, ANDREAS STEFAN BETZNER

PC

A01H5/00,C12NS/10,C12N9/22,C12N15/09//C12Q1/68,C12N15/00,C12NS/ PC
                                                    Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, E., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Methods and ziebarth, Maier, G., Model, F., Mueller, V., Otto, T., Methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders

Patent: WO 02077272-A 87 03-0CT-2002;

Epigenomics AG (DE)

Location/Qualifiers
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Protein complementation in transgenic plants.
BD057397
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/note= 'Fig 3B, lane 3, RN 7'
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2001512322-A/41.
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Penger, A., Sprenger, R. and Brinkmann, U.
Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099999 A 242 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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PN JP 2001231566-A/4
PN JP 2001231566-A/4
PD 29-AUG-2001
PP 18-FEB-2000 JP 2000041927
PI NOBUJIRO MORISHIMA, TAKEHIKO SHIBATA
PC C12N15/09, A61K38/55, A61P21/00, A61P25/28, A61P37/02, A61P43/00
PC C07K14/47,
PC C07K14/47,
PC C07K14/47,
PC C07K14/47,
PC C07K101/19, C12N1/21, C12N5/10, C12P21/02, C12N15/00, A61K37/
PC C07K105/100 Of Artificial Sequence: synthetic DNA FH Key
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/db_xref="taxon:32630"
 Best Local Similarity 82.4%; Pred. No. 4.9e+02;
Matches 14; Conservative 1; Mismatches 2
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Cell death inhibitory protein.
B63275. G1:22557574
JP 2001231566-A/4.
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Matches 14; Conservative
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Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099099-A 239 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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                                                                                                         1) Score 13.4; DB 1; 1) DB 1; 1) DB 1; 1) DB 1; 1) DECT. No. 4.9e+02; Conservative 0; Mismatches 1;
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Sequence 239 from Patent WO02099099.
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AX421254
XX421254.1 GI:21524662
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AX421254
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PAT 04-DEC-1998
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1 (base 1 to 18)
Renard, A. and Thiry, M.
Recombinant polypeptides of the haemorrhagical septicemia virus in
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BAY ZOLTAN ALKALMAZOTT KUTATAS (HU)
Other publication HU 76355 19970828
Other publication AU 7705296 19970619.

Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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Sequence 7 from patent US 5750376.
AR007264.1 GI:3966748
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Sequence 7 from Patent WO9720058.
A63132

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Location/Qualifiers
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A34806
A34806.1 GI:1568287
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1 (bases 1 to 19)

Brown, S.Joel, Dattagupta, N. and Naidu, Y. M.

Brown, G. or inhibiting cellular proliferation using antisense oligonucleotides to interleukin-6 receptor mRNA

Patent: US 5716846-A 17 10-FEB-1998;

Location/Qualifiers
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                           0.9%; Score 13.4; DB 1; Length 19;
ilarity 93.3%; Pred. No. 4.98+02;
Conservative 0; Mismatches 1; Indels
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A18145.1 GI:513200
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: WO 9207956-A 13 14-MAY-1992;
Location/Qualifiers
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Sequence 17 from patent US 5716846.
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A18145
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Chatelain, F. and Kumarev, V.
Process for preparing polynuclectides on a solid support in a tightly packed bed
Patent: US 5869643-A 24 09-FEB-1999;
Location/Qualiflers
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33.3%; Pred. No. 5.2e+02;
ve 0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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Detection of the genus pectinatus
Patent: US 5869642-A 11 09-FEB-1999,
Location/Qualifiers
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1 (Dases I to 18)
Hill A.Vivian.Sinton.
Process for amplifying nucleic acid
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Sequence 24 from patent US 5869643.
AR034902.1 GI:5950507
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Sequence 11 from patent US 5824515.
AR049396 AR049396.1 GI:6005435
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AR034880 AR034880.1 GI:5950485
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1 (bases 1 to 18)
Sakamoto,K.
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AR034902/c
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AR049396
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AR034880/c
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Unclassified.

1 (base 1 to 18)

Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, E. Edward.

In vitro growth and proliferation of genetically modified

multipotent neural stem cells and their progeny

Patent: US 5750376, A 8 12-MAY-1998;
1 (bases 1 to 18)
Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, E. Edward.
In vitro growth and prolliferation of genetically modified
multipotent neural stem cells and their progeny
Patent: US 5750376-A 7 12-MAY-1998;
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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Pred. No. 5.2e+02;
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Matches 15; Conservative 0; Mismatches
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Patent: US 5869642-A 1 09-FEB-1999;
Location/Qualifiers
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AR034870
AR034870.1 GI:5950475
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Sequence 8 from patent US 5750376.
AR007265
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/organism="unknown"
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Matches 15; Conservative
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1 (bases 1 to 18)
Sakamoto, K.
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PAT 29-SEP-1999
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M. Unknown.
Unclassified.
E 1 (bases 1 to 18)
S Stoler,D., Bagik,M. and Anderson,G.
Rapid means of quantitating genomic instability
(AL Patent: US 5912147-A 30 15-JUN-1999;
Location/Qualifiers
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Muhknown,
Unclassified.
B. (bases 1 to 18)
S. Mareuyama, T. and Grossman, A.
Genes encoding LSIRF polypeptides
AL Patent: US 5891666-A 15 06-APR-1999,
Location/Qualifiers
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Sequence 15 from patent US 5891666.
AR069478
             AR067990 18 bp.
Seguence 8 from patent US 5851832.
AR067990
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Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, E. Edward.
Neiss, S., Reynolds, B., Hammang, J.P. and Baetge, E. Edward.
In vitro growth and proliferation of multipotent neural stem cells and their progeny
Patent: US 5851832-A 7 22-DEC-1998;
Location/Qualifiers
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/organism="unknown"
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(bases 1 to 18)

Evans,G.A. and Smith,M.W.

Evans,G.A. and Smith,M.W.

Method for generation of sequence sampled maps of complex genomes

Patent: US 5851760-A 745 22-DEC-1998;

Location/Qualifiers

1. 18

/organism="unknown"
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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Sequence 745 from patent US 5851760.
AR067397
Patent: US 5824515-A 11 20-OCT-1998;
Location/Qualifiers
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Requence 7 from patent US 5851832.
AR067989
AR067989.1 GI:5999211
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PAT 18-FEB-2000

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1 (bases 1 to 18)

Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, E.Edward.

In vivo genetic modification of growth factor-responsive neural precursor cells

Patent: US 6071889-A 7 06-JUN-2000;
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Unclassified.

E 1 (bases 1 to 18)

(S Cowsert.Ls...

Anticense modulation of G-alpha-13 expression

(AL Patent: US 5981732-A 14 09-NOV-1999;

Location/Qualifiers

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S 1 (bases 1 to 18)
S Monia,B.P. and Cowsert,L.M.
Antisense inhibition of EGR-1 expression
AL Patent: US 6008048-A 34 28-DEC-1999;
Location/Qualifiers
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Sequence 34 from patent US 6008048.
AR096650
AR096650.1 GI:10025636
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AR097623/c
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Unclassified.
11 (bases 1 to 18)
Weise, S. and Reynolds, B.
Growth factor-induced proliferation of neural precursor cells in
                                                                                                                                                                                                                                                                        1 (bases 1 to 18)
Weiss, S. and Reynolds, B.
Growth factor-induced proliferation of neural precursor cells in
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83.3%; Pred. No. 5.2e+02;
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Sequence 14 from patent US 5981732.
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Location/Qualifiers
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Location/Qualifiers
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Sequence 8 from patent US 5980885.
AR084252
AR084252.1 GI:10011023
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Sequence 7 from patent US 5980885.
AR084251
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PAT 17-OCT-2001
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   Unknow...
Unclassified.
1 (bases 1 to 18)
Fearon, D.T. and Dempsey, P.W.
Compositions and methods employing a ligand for CD21 or CD19 for modulating the immune response to an antigen
Patent: US 6238670-A 11 29-MAY-2001;
Patent: Location/Qualifiers
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Unclassified.
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Grinna,L.
Methods for the preparation of positively charged proteins
Patent: US 6274348-A 10 14-AUG-2001;
Location/Qualifiers
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Unclassified.
1 (basse 1 to 18)
Marsuyama, T., Grossman, A. and Richardson, C.Donald.
LSIRF polypeptides
Patent: US 6288935-A 15 10-JUL-2001;
Location/Qualifiers
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AR165009
AR165009.1 GI:16238329
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Sequence 15 from patent US 6258935.
AR162795.1 GI:16230136
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Weiss,S., Reynolds,B., Hammang,J.P. and Baetge,B.Edward.
In vivo genetic modification of growth factor-responsive neural
precursor calls
Patent: US 6071889-A 8 06-JUN-2000;
Location/Qualifiers
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0; Mismatches 3;
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Monia,B.P. and Cowsert,L.M.
Antisense modulation of TRADD expression
Patent: US 6077672-A 44 20-UUN-2000;
Location/Qualifiers
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Sequence 44 from patent US 6077672.
AR098789
AR098789.1 GI:12808555
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Sequence 8 from patent US 6071889.
AR097624
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 Best Local Similarity 83.3%;
Matches 15; Conservative
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RESULT 383 AR168816/c LOCUS

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Unclassified.

1 (bases 1 to 18)
Rando,R.F., Fennewald,S., Zendegui,J.G., Ojwang,J.O., Hogan,M.E.,
Pommier,Y. and Mazumder,A.
Guanosine-rich oligonucleotide integrase inhibitors
Patent: US 6355785-A 42 12-MAR-2002;
Location/Qualifiers
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Unclassified.
I (bases 1 to 18)
Rando,R.F.) Fennewald,S., Zendegui,J.G., Ojwang,J.O., Hogan,M.E.,
Pommier,Y. and Mazumder,A.
Guanosine-rich oligonuclectide integrase inhibitors
Patent: US 6355785-A 43 12-MAR-2002;
Location/Qualifiers
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0.8%; Score 13.2; DB 1; Length
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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JOURNAL Patent: US 6316186-A 4 13-NOV-2001;
ATURES Location/Qualifiers
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AR200285/c
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Unclassified.
Unclassified.
1 (Johang, J.O., Hogan, M.E., Wallace, T.L. and Cossum, P.A.
Rando, R.F., Ojwaug, J.O., Hogan, M.E., Wallace, T.L. and Cossum, P.A.
Anti-viral guanosine-rich tetrad forming oligonucleotides
Patent: US 6288042-A 43 11-SEP-2001;
Location/Qualifiers
                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 18)

rando, N.F., Ojwaug, J.O., Hogan, M.E., Wallace, T.L. and Cossum, P.A.
Anti-viral guanosine-rich tetrad forming oligonucleotides
Patent: US 6288042-A 42 11-SEP-2001;
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Morlassified.
1 (bass 1 to 18)
Ekins, R. Philip.
Binding assay using binding agents with tail groups
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Sequence 43 from patent US 6288042.
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AR168816 1 GI:17904932
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Sequence 4 from patent US 6316186.
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RESULT 384 AR168817/c LOCUS DEFINITION

RESULT 385 AR178168/c LOCUS DEFINITION

ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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RESULT 388
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Unclassified.
I (bases 1 to 18)
Rando, R.F., Fennewald, S., Zendegui, J.G., Ojwang, J.O. and Hogan, M.E.
Anti-viral guanosine-rich oligonucleotides and method of treating
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Rando, R.F. Fennewald, S., Zendegui, J.G., Ojwang, J.O. and Hogan, M.E. Anti-viral guanosine-rich oligonucleotides and method of treating
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                            Length 18;
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Location/Qualifiers
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/organism="unknown"
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Location/Qualifiers
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Sequence 43 from patent US 6323185.
AR262418 1 GI:28073849
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Sequence 42 from patent US 6323185.
AR262417
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Sequence 7 from patent US 6497872.
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AR267617/c
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AR262417/c
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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                                                                                                                  Unknown.
Unknown.
Unclassified.
I (bases I to 18)
Matsuyama, T., Grossman, A. and Richardson, C. Donald.
Genes encoding LSIRF polypeptides
Patent: US 6369202-A 15 09-APR-2002;
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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S Weise, S. and Reynolds, B.
Multipotent neural stem cell cDNA libraries
Multipotent neural stem cell cDNA libraries
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1 (bases 1 to 18)
Weiss, S. and Reynolds, B.
Waltipotent neural stem cell cDNA libraries
Patent: US 6399369-A 7 04-JUN-2002;
Location/Qualifiers
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Sequence 8 from patent US 6399369.
AR211764
AR211764.1 GI:21515173
                         Sequence 15 from patent US 6369202.
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Sequence 7 from patent US 6399369.
AR211763.1 GI:21515172
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RESULT 389
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BASE COUNT

AUTHORS TITLE JOURNAL

REFERENCE

DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE JOURNAL FEATURES

REFERENCE

RESULT 390 AR211764 LOCUS

Gaps

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Cardoza, S.R., Casqueiro, B.F., Faus, S.I., Martin, M.J., Moralejo, L.F. and Sisniega, B.H., Casqueiro, B.F., Faus, S.I., Martin, M.J., Moralejo, L.F. and Sisniega, B.H.

Promoter and constructions for expression of recombinant proteins in filamentcous fungi
Percent: WO 9951756-4 7 14-OCT-1999;
BLE RIO PERIOACHO JOSE LUIS (ES); GUTIERREZ MARTIN SANTIACO (ES);
HIJARRUBIA IBRAHIM MARIA JOSE (ES); GRANCISCO JAV (ES); CASOURINO BLANCO PRANCISCO JAV (ES); FAUS
SANTASUSANA IGNACIO (ES); MARTIN MARTIN JUAN FRANCISCO (ES);
MORALEJO LORRIZO FRANCISCO JOS (ES); SISNIEGA BARROSO HEIDI (ES)
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                                                                                                                                                                                                                                                                                                      Unclassified.

1 (bases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallellic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 9962 25-MAR-2003;
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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/noTe="Oligonucleotide IIA"
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Sequence 7 from Patent W09951756.
AX015243 GI:10041276
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AR298227
AR298227.1 GI:31685511
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Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, E.E.
Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, E.E.
Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, E.E.
Cells and their progent progent
Patent: US 6497872-A 8 24-DEC-2002;
Location/Qualifiers
                                                                                      1. (bases 1 to 18)
Weiss, S., Reynolds, B., Hammang, J.P. and Baetge, B.E.
Neural transplantation using proliferated multipotent neural stem
cells and their progeny
Patent: US 6497872-A 7 24-DEC-2002;
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Unclassified.
1 (bases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Blallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 5274 25-MAR-2003,
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Sequence 8 from patent US 6497872.
AR267618.
AR267618.1 GI:29697720
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/organism="unknown"
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AR293539
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Novel human protein kinases and protein kinase-like enzymes
Parent: WO 0138503-A 254 31-MAY-2001;
Sugen, Inc. (US)
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                                   PAT 22-JUN-2001
                                                                                                                                                       Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Matches 15; Conservative 0; Mismatches 3; Indels
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Patent: WO 02072826-A 21 19-SEP-2002;
BIOGEN, INC. (US); NS Gene A/S (DK)
Location/Qualifiers
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/noTe="PCR Primer"
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Sequence 634 from Patent W00244994.
AX598360
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Sequence 254 from Patent WO0138503.
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Sequence 21 from Patent WO02072826.
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AX557236.1 GI:25900210
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                                                                                                                                                                                                                                                                        Muchlegger, K., Angerer, B., Seela, F., Ankenbauer, W., Augustin, M., Gumblowski, K. and Zulauf, M.
Gumblowski, K. and Zulauf, M.
High density labeling of dha with modified or chromophore carrying nucleotides and dna polymerases used
Patent: WO 006842-A 22 16-NOV-2000;
Roche Diagnostics GmbH (DE)
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// Organism="synthetic construct"
// nol_type="genomic DNA"
// db_xref="taxon:32630"
// note="second fragment of SEQ ID NO: 6"
// note="second fragment of SEQ ID NO: 6"
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/organism="synthetic construct"

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/mol_type="genomic DNA"

/db_xref="taxon:32630"

/note="second fragment of SEQ ID NO: 6"

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Sequence 24 from Patent WO0068422.
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Sequence 22 from Patent W00068422.
AX047272
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12-MAR-2001
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CI2NIS/09,CI2NI5/09,CI2MI/00,CI2QI/68,GOIN33/53,GOIN33/566, PC
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Patent: WO 0192572-A 170 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TP
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
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WO 0192572-A/170
06-DEC-2001
01-UN-2001 WO 2001JF004662
01-UN-2000 JP 00P 164798
HIDETOSHI INOKO,TAEKO KAGIXA,TATSUO ICHIHARA,YOSHIYUKI
 INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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artificial sequences.
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Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S.
Nishida,M.
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    Organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                          Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neril, B.P., Reimer, N.D., Roewen, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Sturn, S. and Vaegut, D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 634 06-UNN-2002, THIRD WAVE TECHNOLOGIES, INC. (US)
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Patent: JP 2001321190-A 1546 20-NOV-2001;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonukleotid" ? p
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/organism="synthetic construct"
/mol_type="genomic DNA"
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Vermicon AG (DE)
Location/Qualifiers
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JP 1955123983-A/1
16-MAY-1995
01-MOY-1993 JP 1993273615
YAMANISHI KOICHI, KONDO MOTOHIRO, AONO TOSHIYA, SEGAWA MASAYA
C12N15/09,C12Q1/70;
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/organism='Artificial sequences'.
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Matches 15; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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/organism="unidentified"
/mol_type="genomic DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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C12N15/09,C12Q1/70;
strandedness: Single;
topology: Linear;
hypothetical: No;
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JP 1995111693-A/3
02-MAY-1991
19-OCT-1993 JP 1993260984
YAMANISHI KOICHI, KONDO MOTOHIRO, AONO TOSHIYA, DAIMON KAISUYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unclassified.

1 [bases 1 to 18]

Yamanishi,K., Kondo,M., Aono,T. and Daimon,K.
OLIGONUCLESCIIDE FOR DETECTION OF CYTOMEGALOVIRUS (CMV) AND ITS USE
Patent: UP 1995111893-A 3 02-MAY-1995;
TOYOBO CO LTD
OS None
CO Artificial sequences.
PN UP 1995111893-A/3
PD 02-MAY-1995
PP 19-CTT-1993 JP 1992260984
PP 19-CTT-1993 JP 1992260984
PP YAMANISHI KOICHI, KONDO MOTOHIRO, AONO TOSHIYA, DAIMON KATSUYA
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                                                                                                                                                                                                                                                                                                  unclassified.

1 (bases 1 to 18)
Yamanishi,K., Kondo,M., Aono,T. and Takarada,Y.
OLIGONUCLEOTIDE FOR DETECTION OF EPSTEIN-BARR VIRUS(EBV) AND ITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Artificial sequences.
UP 1995079776-A/10
18-MAR-1995
16-SEP-1993 UP 1993230396
YAMANISHI KOICHI, KONDO MOTOHIRO, AONO TOSHIYA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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                                                                                                                     PCR primer for amplifying Epstein-Barr virus.
E08945
E08945
EP 199507976-A/10.
unidentified
unidentified
                                                                                                                                                                                                                                                                                                                                                                                                         Parent: JP 1995079776-A 10 28-MAR-1995;
TOYOBO CO LTD
OS None
OC Artificial sequences.
PN JP 1995079776-A/10
PD 28-MAR-1995
PF 16-SEP-1993 JP 1993230396
PI YAMANISHI KOICHI, KONDO MOTOHIRO, AON
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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topology: Linear,
hypothetical: No;
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    18 CCAGGAACTGCACCCGCT 1
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E09072/c
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E08945/C
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PAT 06-FEB-1997
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                      PAT 26-SEP-1995
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                                                                                                               Uncommentation.
Unclassified.
1 (bases 1 to 18)
Grinna L.S.
Methods for the preparation of endotoxin-binding proteins
Patent: US 5439807-A 10 08-AUG-1995;
Location/Qualifiers
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Rando, R.F., Fennewald, S., Zendegul, J.G. and Ojwang, J.O. Anti-viral guanosine-rich oligonucleotides
Patent: US 5567664-A 42 22-OCT-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 5.2e+02; Live 0; Mismatches 3; Indels
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Pred. No. 5.2e+02;
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1 (Dases 1 to 18)
H111,A.V.S.
Process for amplifying HLA sequences
Patent: US 5525492-A 11 11-JUN-1996,
Location/Qualifiers
1. 18
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Sequence 42 from patent US 5567604.
127810
                     113566 18 bp 18
Sequence 10 from patent US 5439807.
111366 1 GI:996633
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Sequence 11 from patent US 5525492.
121930.1 GI:1602284
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/organism="unknown"
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18 c 0 g
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity 83.3
Matches 15; Conservative
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I21930
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127810/c
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AUTHORS
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C C12Q1/68,C12N1S/09,C12Q1/70;
C strandedness: Single;
C topology: Linear;
C hypothetical: No;
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                              UP 1995250699-A/9.

UP 1995250699-A/9.

unidentified

unidentified

unclassified.

E (base 1 to 18)

E Yamanishi, K., Mukai, T., Aono, T., Kondo, M. and Takarada, Y.

METHOD FOR DISCRIMINATORY DETECTION OF HUMAN HERPES VIRUS AND

E RAGENT THEREFOR

L Patent: JP 1995250699-A 9 03-OCT-1995;

CO None

OC Artificial sequences.

PN JP 199525699-A/9

PD 03-OCT-1999

PP 11-MAR-1994 JP 1994041101

PI YAMANISHI KOICHI, MUKAI TORU, AONO TOSHIYA, KONDO MOTOHIRO, I
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Primer for amplifying Epstein-Barr virus and cytomegalovirus.
E09963
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    /organism='Artificial sequences'

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0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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E 1 (bases 1 to 18)

& Topal,M.D. and Conrad, M.J.

Method of cleaving DNA

Nathod of cleaving DNA

Nathod 15 5418150-A 6 23-MAY-1995;

Location/Qualifiers

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26quence 6 from Patent US 5418150.
112014.1 GI:909455
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xrefe"taxon:32644"
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Matches 15; Conserv
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1 (bases 1 to 13)

1 (bases 1 to 13)

Merper, K.G.

Method and reagent for inhibiting herpes simplex virus replication

Patent: US 5795778-A 23 18-AUG-1998;

Location/Qualifiers
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Theofan,G., Grinna,L.S. and Horwitz,A.
BPI-immunoglobulin fusion proteins
Patent: US 5643570-A 10 01-UU-1997;
Location/Qualifiers
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Sequence 23 from patent US 5795778.
AR024073
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/organism="unknown"
6 c 5 g
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1 8 c 4 g
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Best Local Similarity 83.3
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Unknown.
Unclassified.
I (bases 1 to 18)
Asido, R.F., Fennewald, S., Zendegui, J.G. and Ojwang, J.O.
Anti-viral guanosine-rich oligonucleotides
Patent: US 5567604-A 43 22-OCT-1996;
Location/Qualifiers
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         0.8%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 5.2e+02; Live 0; Mismatches 3; Indels
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Unclassified.
B 1 (Dases 1 to 18)
S Szf,M and von Hofe,E.
DNA methyltransferase antisense oligonucleotides
AL Patent: US 5578716-A 5 26-NOV-1996;
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Sequence 43 from patent US 5567604.
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Sequence 38 from patent US 5599704.
134952
134952.1 GI:2087920
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130029.
131029.1 GI:1820820
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/organism="unknown"
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Best Local Similarity 83.33
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SM synthetic construct
artificial sequences.
I (bases I to 2013)
E Draper, K.G., Dad/ktz, L.W., Macswigen, J.A., Maysejak, D.G.,
Holesek, J.G. and Mamone, A.J.
Holesek, J.G. and Mamone, A.J.
RIBOZYME PHARNACEUTICALS INC
Artificial Sequence
PN JP 2000342285-A 337 12-DEC-2000,
Artificial Sequence
PN JP 2000442285-A/337
PD 12-DEC-2000
PF 01-MAY-2000 JP 2000138616
PR 11-MAY-1992 US 07/882889, 14-MAY-1992 US 07/88289 PR 14-MAY-1992 US 07/88289 PR 14-MAY-1992 US 07/88289 PR 14-MAY-1992 US 07/882881, 14-MAY-1992 US 07/88281, 14-MAY-1992 US 07/88281, 14-MAY-1992 US 07/88421, 14-MAY-1992 US 07/88421, 14-MAY-1992 US 07/884431 PR 14-MAY-1992 US 07/88422, 14-MAY-1992 US 07/884431 PR 14-MAY-1992 US 07/88442, 14-MAY-1992 US 07/884431 PR 14-MAY-1992 US 07/884431 PR 14-MAY-1992 US 07/88442, 14-MAY-1992 US 07/88485 PR 15-OCT-1992 US 07/8845 US 07/88485 PR 15-OCT-1992 US 07/
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Holesek, J.J. and Mamone, A.J.
Method and reagent for inhibiting viral replication
Patent: 1920432284 337 12-DEC-2000;
RIBOZYME PHARMACEUTICALS INC
OS Artificial Sequence
PD 12-DEC-2000 JP 2000132651
PP 01-MAY-2000 JP 2000132651
PR 11-MAY-1992 US 07/882689, 14-MAY-1992 US 07/8827
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/organism='Artificial Sequence'.
Location/Qualifiers
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Method and reagent for inhibiting viral replication.
BD001606.
BD001606.1 GT:18626165
JP 2000342286-A/337.
synthetic construct
artificial sequence.
1 (bases 1 to 13)
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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PC C12N5/CC
CC FH Key
FT SOURCE
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1 (bases 1 to 13)
1 (bases 1 to 13)
1 (baser, K.G.
1 Draper, K.G.
Method and reagent for inhibiting herpes simplex virus replication
Patent: US 6440719-A 23 27-Aug-2002;
Location/Qualifiers
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Method and reagent for inhibiting HBV viral replication Hether: EP 128826-A 359 OF-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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/organism="Herpes simplex virus unknown type"
/mol_type="genomic RNA"
/db_xref="taxon:126283"
/ db_ x 6 c 5 g 1 t
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Herpes simplex virus unknown type
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
Alphaherpesvirinae; Simplexvirus.
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AR224292
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/organism="unknown"
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JP 2000342285-A/337.
synthetic construct
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AR224292
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Stuyver,L. Method for detection of drug-selected mutations in the hiv protease
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100.0%; Pred. No. 5.4e+02;
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a 3 c 4 g 5 t
                                                                                                                                                                                                                                                                                                                  1. .16
/organism="Aids-associated retrovirus"
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/db_xref="taxon:11966"
a 3 c 3 g 4 t
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INNOGENETICS NV (BE); STUTYVER LIEVEN (BE)
Location/Qualifiers
                                                                                                                                                                                                                                                                    Patent: WO 9967428-A 462 29-DEC-1999;
INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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Sequence 462 from Patent WO9967428.
AX007920
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Sequence 465 from Patent W09967428.
AX007923 1 GI:9995620
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Aids-associated retrovirus
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AX139231.1 GI:14274904
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Method for detection of drug-selected mutations in the hiv protease
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CIZNIS/09, CIZNS/10, CIZN7/00//A61K38/43, A61K39/125, A61K39/13,
A61K39/145, A61K39/21, A61K39/23, A61K39/245, A61K39/29, A61K48/00,
A61P1/16,
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14-MAY-1992 US 07/882713,14-MAY-1992 US 07/882714
14-MAY-1992 US 07/88286,14-MAY-1992 US 07/882814
14-MAY-1992 US 07/88286,14-MAY-1992 US 07/882881
14-MAY-1992 US 07/88289,14-MAY-1992 US 07/882821
14-MAY-1992 US 07/88389,14-MAY-1992 US 07/883823
14-MAY-1992 US 07/88349,14-MAY-1992 US 07/884133
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14-MAY-1992 US 07/88432,14-MAY-1992 US 07/88433
13-UUL-1992 US 07/88436,14-MAY-1992 US 07/884521
31-UUL-1992 US 07/88436,14-MAY-1992 US 07/884521
15-OCT-1992 US 07/88322,07-DEC-1992 US 07/983129
07-DEC-1992 US 07/983120,07-DEC-1992 US 07/983133
KENNETT G DRAPER, LEC W DADYKTZ, JAMES A MACSWIGEN, PI DAYKEN DEC-1992 US 07/987133
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100.0%; Pred. No. 5.46+02;
tive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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/organism="Aids-associated retrovirus"
/mol_type="genomic DNA"
/db_xref="taxon:11966"
a 3 c 3 g 5 t
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INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Sequence 405 from Patent W09967428.
AX007863
AX007863.1 GI:9995560
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Aids-associated retrovirus
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                        04-DEC-1998
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 806 16-AUG-2001;
RIBOIYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Orlicky, D.J.
Nucleic acid encoding prostaglandin F.sub.2.alpha. receptor regulatory protein
Patent: US 5747660-A 35 05-MAY-1998;
Location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:32630"
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Sequence 807 from Patent W00159103.
AX215365
AX215365.1 GI:15525408
                      17 bp
Sequence 35 from patent US 5747660.
AR005305
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Bacteria, Actinobacteria, Actinobacterium; Mycobacterium
Corynebacterineae, Mycobacteriaceae, Mycobacterium; Mycobacterium
tuberculoais complex.

1 (bases 1 to 16)

Suzuki,S., Nishida,M. and Takenishi,S.
Diagnosis kit of tubercle bacillus
Patent: JP 2001103981-A 79 17-APR-2001;
NISSHINBO IND INC,SYSTEM RESEARCH CO LTD
PAR-2001
PP 72 0001103981-A 79
PP 17-APR-200
PF 26-JUL-2000 JP 2000225985
PF 35-JUL-2000 JP 200025985
PF 35-JUL-2000 JP 2000225985
PF 35-JUL-2000 JP 200025985
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PF 35-JUL-2000 JP 35-JUL
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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria, Actinobacteria, Actinobacteridae, Actinomycetales,
Corymebacterineae, Mycobacteriaceae, Mycobacterium, Mycobacterium
tuberculosis complex.
                                                                                                                                    Suzuki,Y., Nishida,M. and Takenishi,S.
Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 79 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
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/organism='Mycobacterium tuberculosis'.
Location/Qualifiers
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100.0%; Pred. No. 5.4e+02;
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/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
/db_xref="taxon:1773"
/note="capture"
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        ^.16
        ^.7 organism="Mycobacterium tuberculosis"
        /mol_type="genomic DNA"
        /db_xref="taxon:1773"

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UP 2001013091 2,225
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Mycobacterium tuberculosis
Mycobacterium tuberculosis
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Length 17;
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/noTe="Nucleic Acid"
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Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 0;
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/mol_type="mkNA"
/moles="nucleic Acid"
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    /organism="synthetic construct"
/mol_type="mRNA"

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Sequence 2338 from Patent WO0159103.
AX216896
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Sequence 2351 from Patent WO0159103.
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1788 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 1553 16-AUG-2001; RIBOZYMS PHARACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
 Blatt,L., Mcswiggen,J. and Chowrira,B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 807 16-AUG-2001;
RIBOZYME HARMACEUTICALS, INC. (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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tive 0; Mismatches 0;
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AX216346.1 GI:15526407
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/ construct"
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Sequence 1553 from Patent W00159103.
AX216111
AX216111.1 GI:15526154
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                                                                                                                                                                                                                                       Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 2338 16-AUG-2001; RIBOZYME PHARMCEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primetes; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ive 0; Mismatches 0;
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Patent: BP 1239051-A 1752 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                             Human posh-like protein 1
Patent: BP 1239051-A 1751 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1752 from Patent EP1239051.
AX532243.1 GI:25256271
                                                                                        AX532242 1751 from Patent EP1239051.
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    .17
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15 CCAGGGCCGGCTG
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AX532242/c
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AX532243/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                          Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                         Query Match 0.8%; Score 13; DB 1; L. Best Local Similarity 100.0%; Pred. No. 5.5e+02; Matches 13; Conservative 0; Mismatches 0;
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Human posh-like protein 1
Patent: EP 1230651-A 1749 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1750 11-SEP-2002;
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                                                                                                                                                                                                                            Sequence 1749 from Patent EP1239051. AX532240
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 /db_xref="taxon:32630"
/note="Nucleic Acid"
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Location/Qualifiers
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Unknown.

Unclassified.

E 1 (bases 1 to 18)

AS Cohen, D., Chumakov, I. and Blumenfeld, M.

Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
disequilibrium map of the human genome

Location/Qualifiers

Location/Qualifiers
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Cowsert, L.M.
Antisense modulation of G-alpha-13 expression
Patent: US 5981732-A 11 09-NOV-1999;
Location/Qualifiers
                            Telerman, A., Amson, R. and Tuijnder, M. Zequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments
Patent: WO 3022177-A 2207 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 0;
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Pred. No. 5.5e+02;
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AR293763.1 GI:31681047
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100.0%; Pred. No. 5...
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Sequence 11 from patent US 5981732.
AR085575
                                                                                                                                                    /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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10 c 4 g
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Matches 13; Conservative
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
                                                           Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27-MAR-2003, Patent: WO 30305177-A 1185 27-MAR-2003, Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                       Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 30325176-A 2410 27-WAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
6 c 5 9
                                                                                                                                                                                                                                  /organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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9
                        Mus musculus (house mouse)
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AX736617
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bsterase esta extracted from Rhodococcus ruber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Brysch, W., Schlingensiepen, K.H. and Schlingensiepen, R. A method for stimulating the immune system Patent: WO 9963975-A 73 16-DEC-1999, BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
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                          unidentified
unidentified
unclassified.

1 (bases 1 to 16)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 292 05-AUG-1998;
BIOGNOSTIK GES (DE)
Location/Qualifiers
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Sequence 27 from Patent W003031625.
AX743950
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Sequence 73 from Patent W09963975.
AX009040
AX009040.1 GI:9996414
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Homo sapiens
A90111.1 GI:6738625
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATCHT: WO 9833904-A 292 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
Pred. No: 5.5e+02; Mismatches 0;
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/organism="synthetic construct"
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a 20 c to g 0 t
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Local Similarity 65.5%; Pred. No. 5.7e+02;
Nes 19; Conservative 0; Mismatches 10
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Sequence 292 from Patent EP0856579.
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Malaria parasitic epitope (T-cell).
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Sequence 292 from Patent WO9833904.
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Matches 13; Conservative
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AB069179 11-MAY-2003
Synthetic construct DNA, reverse primer for human STS sts-W37905 at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8875, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="reverse primer for human STS sts-W37905 at 1p36 sts-W37905 obtained from clones B272H12, B51C6, B288MB, B191p23, B191023, B43P7, B43N9, B9D, B304H10, Human BAC library RPCI-11"
                                                                   Artificial Sequence
JP 2001321190-A/894
200032011
12-MAR-2001
12 SEDA
EIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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A method of arraying genome clone
Patent: JP 2001321190-A 894 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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87.5%; Pred. No. 5.8e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
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AUTHORS

Tickases 1 to 16)

AUTHORS

Schlingenselpen, K.H. and Brysch, W.
TITLE

An antisense oligonucleotide preparation method

JOURNAL Patent: JP 201511000-A 292 07-AUG-2001,

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PP 30-JAN-1998 JP 1998532533

PR 31-JAN-1999 UP 1998532533

PR 31-JAN-1999 BP 97101=-

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JP 2001511000-A/292
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31-JAN-1998 UP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
CALL SEnse oligonucleotide preparation method FH
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
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N BD088650
BD088650.1 GI:22634260
JP 2001321190-A/894.
synthetic construct
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I (bases 1 to 16)
Soeda,E.
 Patent: WO 03031625-A 27 17-APR-2003;
Degussa AG (DE) ; Schwab, Helmut (AT)
Location/Qualifiers
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|/organism="unidentified"
|/mol_type="genomic DNA"
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PAT 29-SEP-1999
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             PAT 22-JAN-2000
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Shuber,A.P.
High throughput screening method for sequences or genetic
alterations in nucleic acids
Patent: US 5834181-A 15 10-NOV-1998;
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                                                                                                                                      Collins, J. and Roettgen, P.
Patent: WO 9833901-A 6 Gebug-1998;
Collins JOHN (DB); ROETTGEN PETER (DE)
Location/Qualifiers
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1 (bases 1 to 17)
Stinchcomb, D. T. and McSwiggen, J.A.
Stinchcomb, D.T. and McSwiggen, J.A.
Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 795 15-SEP-1998;
Location/Qualifiers
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             DNA
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Sequence 15 from patent US 5834181.
AR055045
AR053045.1 GI:5977907
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Sequence 6 from Patent WO9833901.
A89622.
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artificial sequences.
1 (base 1 to 17)
Seemann, G., Bosslet, K., Czech, J., Kolar, C., Hoffmann, D. and Sedlacek, H.H.
                                                                                                                                                                                                                                 synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)
Macdam A. J. Minor, P. D., Stone, D. M. and Almond, J. W.
Attenuated poliovirus and vaccines thereof
Brent: EP 0509783-A 2 14-0CT-1992;
BRITISH TECHNOLOGY GROUP LTD
Location/Qualifiers
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Pred. No. 5.9e+02;
0; Mismatches 2; Indels
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0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 5.8e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:12630"
a 1 t
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/mol_type="genomic DNA"
/db_xref="taxon:35630" 4 t
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Synthetic betaGlc linker 2.
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A26883.1 GI:1566920
Best Local Similarity 87.5
Matches 14; Conservative
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Primer no.2.
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A27314/c
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A26883/c
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Unclassified.
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1 (bases 1 to 17)
Lillicrap,D., Cameron,C., Notley,C., Hoyle Horrocks,L.Suzanne. and
                              PAT 29-SEP-1999
                                                                                                                                                                                                                                                                                                                                                     High throughput screening method for sequences or genetic alterations in nucleic acids Patent: US S45493-A 32 15-DEC-1998; Location/Qualifiers
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In (bases 1 to 17)

AS Collins, J. and Rottgen, P.
Generation of diversity in combinatorial libraries
Generation of diversity in combinatorial libr
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Canine factor VIII gene, protein and methods of use
Patent: US 6251632-A 54 26-JUN-2001;
Location/Qualifiers
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Sequence 32 from patent US 5849483.
AR065023.
AR065023.1 GI:5995239
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Sequence 54 from patent US 6251632.
AR159843.1 GI:16222661
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Sequence 6 from patent US 6310191.
AR176117 GI:17917416
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Shuber, A.P.
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1 (bases 1 to 17)
Shuber, A.P.
High throughput screening method for sequences or genetic alterations in nucleic acids
Patent: US 5834181-A 32 10-NOV-1998;
Location/Qualifiers
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Sequence 15 from patent US 5849483.
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AR065006.1 GI:5995222
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AR053062
AR053062.1 GI:5977924
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1 (bases 1 to 17)
Shuber,A.P.
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PAT 17-OCT-2001

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Expression vectors comprising multiple shear stress responsive elements (SSRE) and methods of use for treating disorders related to vasculogenesis and/or angiogenesis in a shear stress environment Patent: US 6440726-A 17-AUG-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PAT 26-SEP-2002
                                                                          Unknown.
Unknown.
Unclassified.
Unclassified.
I bases I (17)
I savoo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavoo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: Us 634638-A 3971 12-FEB-2002;
Location/Qualifiers
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Pavco.P., McSwiggen.J., Stinchcomb,D. and Escobedo,J.
McSwiggen.J. Stinchcomb,D. and Escobedo,J.
Mcthod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7869 12-PEB-2002;
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AR192381.1 GI:20238346
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Sequence 3971 from patent US 6346398.
AR188483
AR188483.1 GI:20234448
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AR224417 GI:23333196
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1 (bases 1 to 17)
Resnick, N.
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2129 12-FBB-2002;
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Mathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346598 - 1462 12-FEB-2002;
Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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4; Conservative 0; Mismatches 2;
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AR185974
AR185974.1 GI:20231939
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Mycobacterium tuberculosis
Bacteria, Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
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Kit for diagnosls of tubercle bacilli
Patent: EP 1076099-A 44 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP); System Research Incorporation
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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1 (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 815 04-MAR-2003;
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Sequence 815 from patent US 6528640.
AR286443
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Sequence 44 from Patent EP1076099.
AX139196
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Sequence 47 from Patent WO0159103.
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1 (bases 1 to 17)
Kolar,C., Czech,J., Bosslet,K., Seemann,G., Sedlacek,H.-H. and
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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1 (bases 1 to 17)

1 (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 592 04-MAR-2003;
Location/Qualifiers
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Pred. No. 5.9e+02;
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Sequence 592 from patent US 6528640.
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Patent: WO 0159103-A 831 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US)
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) McSwiggen, James (US) ; Chowrira, Bharat M. (US) Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
live 0; Mismatches 2;
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|db xref="taxon:32630"
|noTe="Nucleic Acid"
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/note="nucleic Acid"
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Sequence 831 from Patent W00159103.
AX215389
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 765 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
               Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 47 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
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/mol_type="mRNA"
/db_xref="teaxon:32630"
/note="Nucleic Acid"
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Sequence 766 from Patent WO0159103.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 1169 16-AUG-2001; RIBOZYME PHARMACHUTICALE, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
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               Query Match 0.8%; Score 12.8; DB 1; Length 1 Best Local Similarity 87.5%; Pred. No. 5.9e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 902 from Patent WO0159103.
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 840 16-AUG-2001;
RIBOZYMS PHARMACBUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 842 16-AUG-2001;
RIBOZYME PHARWACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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14; Conservative 0; Mismatches 2; Indels
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/note="Nucleic Acid"
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0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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/db_xref="taxon:32630"
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Seguence 840 from Patent WO0159103.
AX215398
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Sequence 842 from Patent W00159103.
AX215400
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/noTe="Nucleic Acid"
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: Wo 0159103-A 1812 16-AUG-2001;
RIBOZYMS PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1813 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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AX216894
AX216894.1 GI:15526955
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Sequence 1813 from Patent WO0159103.
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Sequence 1812 from Patent W00159103.
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AX216371.1 GI:15526432
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AX216894
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1792 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1811 16-AUG-2001;
RIBOZYMS PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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/organism="synthetic construct"
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Sequence 1811 from Patent W00159103.
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Sequence 1792 from Patent WO0159103.
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AX216369.1 GI:15526430
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Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2395 16-AUG-2001;
RIBOXYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Patent: WO 0159103-A 3640 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US)
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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| /mol_type="nRNA"
| /noTe="Nucleic Acid"
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0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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/ organism="synthetic construct"
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// organism="synthetic construct"
// db xref="taxon:32630"
/ note="Nucleic Acid"
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Sequence 3640 from Patent WO0159103.
AX218198
AX218198.1 GI:15528259
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 2394 16-AUG-2001;
RIBOZYME PRARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
                                                                                                   Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 2336 16-AUG-2001; RIBOZYMS PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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/mol_type="mRNA"
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/note="Nucleic Acid"
1 a 8 c 9 g 0 t
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87.5%; Pred. No. 5.9e+02;
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
9 c 7 g 0 t
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Sequence 2394 from Patent WO0159103.
AX216952.
AX216952.1 GI:15527013
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Matches 14, Conservative
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Best Local Similarity 87.5
Matches 14; Conservative
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RESULT 485
AX216952
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KEYWORDS
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REFERENCE AUTHORS

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FEATURES

DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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PAT 02-SEP-2002
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Oryza glaberrima
Bukaryota, Viridiplantea, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonuclectides
Patent: Wo 0192512-A 1999 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                 Homo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                               Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Hamblin, P.A. and Ellis, J.H.
Method and reagent for the inhibition of grid
Patent: WO 0162911-A 631 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
                  0.8%; Score 12.8; DB 1;
87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2;
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Sequence 1999 from Patent WO0192512.
AX325861
AX325861.1 GI:18096620
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AX273062
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Best Local Similarity 87.54
Matches 14; Conservative
                  Query Match 0.8
Best Local Similarity 87.5
Matches 14; Conservative
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AX273062/c
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AX325861/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 429 30-AUG-2001;
RIBOZYME PHARMACHITCALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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McSwiggen, James (US); Chowrira, Bharat M.
Location/Qualifiers
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Patent: WO 0164948-A 20 07-SEP-2001;
Dr. van Haeringen Laboratorium B.V. (NL)
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AX272860
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Sequence 20 from Patent WO0164948.
AX239680
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AX239680
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PAT 18-JUN-2002
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                      PAT 02-SEP-2002
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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonuclectides
Patent: Wo 0192512-A 2020 06-DEC-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 181 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
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Sequence 2020 from Patent WO0192512.
AX325882
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Sequence 668 from Patent WO0188124.
AX422332.1 GI:21525714
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Sequence 181 from Patent WO0188124.
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AX421845.1 GI:21525227
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Oryza sativa
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Oryza glaberrima
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza,
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Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae, Oryza.
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Targeted chromosomal genomic alterations in plants using modified single stranded oligomucleotides
Patent: WO 0192112-A. 2019 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 2000 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_rref="texon:4538" 1 t
                                                                                                       AX325862 1000 from Patent WO0192512. AX325862. GI:18096621
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Sequence 2019 from Patent WO0192512.
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AX325881.1 GI:18096640
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/mol_type="genomic DNA"
/db_xref="taxon:4530"
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16 CAGCGACTACGGCGCC 1
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1250 22-NOV-2001;
RIBOZYME PHARNACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: Wo 01081244 1216 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
  Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1085 22-NOV-2001;
RIBOZYME PHARMACUTICALS, INC. (US); GLAXO GROUP LIMITED M(GB)
Location/Qualifiers
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Sequence 1250 from Patent W00188124.
AX422914
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AX422880.
AX422880.1 GI:21526262
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/mol_type="mRNA"
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AX422748.1 GI:21526130
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1084 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Randi,A.M.
                                                                                        Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. an Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 1088124-A 668 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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  Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria, Primates; Catarrhini, Hominidae, Homo.
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0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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Human posh-like protein 1
Patent: BP 1239051-A 500 11-SEP-2002;
Aeomica, Inc. (308)
Location/Qualifiers
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Sequence 355 from Patent EP1229046,
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Sequence 502 from Patent EP1239051.
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Sequence 500 from Patent EP1239051.
AX530991
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 1088124-A 1429 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 5.9e+02;
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Sequence 1429 from Patent WO0188124.
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Sequence 353 from Patent EP1229046.
AX499046.1 GI:23381339
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Matches 14; Conservative
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Homo sapiens (human)
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human posh-like protein 1
Patent: EP 1239051-A 815 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
Patent: BP 1239051-A 582 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 811 11-SBP-2002;
Aeomica, Inc. (US)-
Location/Qualifiers
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Sequence 811 from Patent EP1239051.
AX531302
AX531302.1 GI:25254390
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Sequence 815 from Patent EP1239051.
AX531306
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AX531306/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1 Similarity 87.5%; Pred. No. 5.9e+02;
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Patent: EP 1239051-A 581 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 502 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 582 from Patent BP1239051.
AX531073
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Sequence 581 from Patent EP1239051.
AX531072.1 GI:25253926
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/mol_type="genomic DNA"
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Human posh-like protein 1
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 AX530993.1 GI:25253773
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AX531928
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Human posh-like protein 1
Patent: BP 1239651-A 1437 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                           Shannon M.
Human posh-like protein 1
Patent: BP 1239051-A 1435 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                         Sequence 1435 from Patent EP1239051.
AX531926.
AX531926.1 GI:25255622
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EP1239051.
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/corganism="Homo sapiens"
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Sequence 1747 from Patent
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AX532238.1 GI:25256263
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AX532238/c
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AX531928/c
RESULT 513
AX531926/c
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
Query Match
0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Patent: EP 1239051-A 1128 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1132 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Sequence 1132 from Patent EP1239051.
AX531623.1 GI:25255035
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Sequence 1128 from Patent EP1239051.
AX531619

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AX531623/c
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AX531619/c
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Homo sapiens (human) Homo sapiens

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Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
channel-1 (clca-1)
Patent: WO 0211674-A 1173 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US)
Thompson, James (US)
Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 742 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1273660-A 743 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 742 from Patent BP1273660.
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AX648903
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. Method and reagent for the inhibition of calcium activated chloride channel. (clca.1)
Patent: WO 0211674-A 498 14-FBB-2002;
RIBOZYME PHERRACEDTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
  Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 498 from Patent WO0211674.
AX578660
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                                              Shannon, M.
Human posh-like protein 1
Patent: EP 1239051-A 1747 11-SEP-2002;
Acomica, Inc. (0)
Location/Qualifiers
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Sequence 1173 from Patent WO0211674.
AXS79335
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Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Acomica, Inc. (US)
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
                                ch 0.8%; Score 12.8; DB 1; Length 17; 1 Similarity 87.5%; Pred. No. 5.9e+02; 14; Conservative 0; Mismatches 2; Indels
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Patent: WO 03004526-A 506 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                    Shannon,M., Gu.Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Aeomica, Inc. (US)
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                                                                                                      Parent: EP 1281758-A 3387 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/mol_type="genomic DNA"
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AX724644.1 GI:30503987
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX688672 17 bp DNA
Sequence 1404 from Patent EP1281758.
AX688672
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Patent: BP 1281758-A 1404 05-FEB-2003
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xzef="taxon:9606"
4 c 7 g 1
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Location/Qualifiers
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AX690655.1 GI:29413536
                                                    AX688672.1 GI:29411374
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Homo sapiens
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AX688673/c
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AX690655
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                  Gaps
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 934 27-WAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptois and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3025177-A 3666 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                              Length 17;
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0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 3666 from Patent WO03025177.
AX738076
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Sequence 934 from Patent WO03025175.
AX729300.
AX729300.1 GI:30508643
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
    /mol_type="genomic DNA"
/db_xref="taxon:10090"
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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87.5%; Pred. No. 5.9e+02;
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Patent: WO 03025176-A 2331 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025176-A 3533 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Kit and method for determining HLA type
Patent: WO 0192572-A 27 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
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W0 019572-A/27
06-DEC-2001
01-JUN-2001 W0 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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Location/Qualifiers
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C1201/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: capture
Key
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Kit and method for determining HLA type.

BD103923.

WO 0192572-A/27.
                                                         Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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     Strandedness: Single;
                     Topology: Linear;
/desc='DNA oligomer'
Key Locat
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My 20010103981-A44.
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Actinobacteria; Actinobacteria;
Corymebacterineae; Mycobacteriaacterium; Mycobacterium
tuberculosis complex.
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| Suzuki,S., Mishida,M. and Takenishi,S.
| Suzuki,S., Mishida,M. and Takenishi,S.
| Diagnosis kit of tubercle bacillus
| Patent: JP 2001103391-A 44 17-APR-2001;
| NISSHINBO IND INC,SYSTEM RESEARCH CO LTD
| S Mycobacterium tuberculosis
| PP 2001103381-A/44
| PP 17-APR-2001
| PP 26-JUL-2000 JP 2000225985
| PI SADAHIKO SUZUKI,MICHIO NISHIDA,SOICHIRO TAKENISHI PC
| C1201/68,C12N15/09,C12M1/00,C12Q1/68/(C12Q1/68,C12N1532), PC
| C1201/68,C12N15/09,C12N15/00,C12N15/00,CC
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/organism='Mycobacterium tuberculosis'
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# BD056833.1 GI:22602439
# PD 2001509672-A/6.
# Withetic construct
# Synthetic construct
# Collins, J. and Rottgen, P.
# Generation of diversity in combinatorial libraries
# Collins, J. and Rottgen, P.
# Solling, P. 201509672-A/6
# PD 24-JUL-2001
# PP 24-JUL-2001
# PP 24-JUL-2001
# PP 24-JUL-2001
# PP 31-JAN-1997 EP 97101539.1
# PI JOHN COLLINS, PETER ROTTGEN
# PC CI2N15/09, CO7K2/00, CI2N15/00
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/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
/db_xref="taxon:1773"
87.5%; Pred. No. 5.9e+02;
ive 0; Mismatches 2;
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KEYWORDS SOURCE ORGANISM

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Sequence 14 from patent US 5559028.
                                               E="taxon:32630
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/db_xref="ta
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KAGIXA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
                                                                                                               Kit and method for determining HLA type
Patent: WO 01928712-A 1268 06-DEC-2001;
NISSHING INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TR
RAGIYA, TATSOO ICHHARA, YOSHIYUKI MARGUMURA, SHOGO MORIYA, MICHIO
                                                                 1 (baees 1 to 17)
Inoko,H., Kagiya,T., Ichihaxa,T., Matsumuxa,Y., Moriya,S. and
Nishida,M.
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                                                                                                                                                                                                                                                                                                                                                           Description of Artificial Sequence:capture
Key
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-JUN-2000 JP 00P 164798
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PAT 06-DEC-1993
5846-A 4 10 FFB 1998;
Lion/Qualifiers
Jrganism="unknown" 3 1
4 9
6.88 Score 12.4, DB
arity 8.58 Pred. No. 5.9e
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                                                                                                                  17 bp b Sequence 32. from patent US 5589330 b 132568 1 GI:1823359
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PAT 04-DEC-1998
PAT 22-JAN-2000
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Patent: EP 0856579-A-135 05-AUG-1998
BIOGNOSTIK GES (DE)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 0.8%; Score 12.8; DB 1; Length 18; Local Similarity 87.5%; Pred. No. 5.96+02; es 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 5.9e+02;
iive 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 6 from Patent WO9720058
A63131
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Unknown.
Unclassified.
1 (bases 1 to 18)
Herman,J., Coulie,P., van der Bruggen,P. and Boon-Falleur,T.
Isolated nonapeptide which bind to HLA-B44 molecules and the uses
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Unclassified.
(hoses 1 to 18)
Herman, J., Coulie, P., van der Bruggen, P. and Boon-Falleur, T.
Isolated nonapeptide which bind to HLA-B44 molecules and the uses
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Protein from urine named component B
Patent: US 5908827-A 23 01-JUN-1999;
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Sequence 11 from patent US 5977300.
AR083623
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Location/Qualifiers
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Sequence 23 from patent US 5908827.
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Sequence 9 from patent US 5977300.
AR083621 GI:10010392
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Matches 14; Conservative
3 CAGAAGTGAAACTGAG 18
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Herman,J., Coulie,P., Boon-Falleur,T., van der Bruggen,P. and Luescher,I.
Cytolytic zell lines which bind to complexes of tumor rejection antigens and HLA-B44 molecules
Patent: US 5744353-A 11 28-APR-1998;
           Cytolytic T cell lines which bind to complexes of tumor rejection antigens and Min-1844 molecules
Patent: US 5744353-A 9 28-APR-1998;
Location/Qualifiers
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llarity 87.5%; Pred. No. 5.98+02;
Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Unclassified.
1 (bases 1 to 18)
Matsuyama, T. and Grossman, A.
Genes encoding LSIRF polypeptides
Patent: US 5891666-A 11 06-APR-1999;
Location/Qualifiers
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AR003677 GI:3964936
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AR069474
AR069474.1 GI:7220362
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                            PAT 14-FEB-2001
                                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 18)

1 (bases 1 to 18)

Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr.

Antisense oligonuclectide modulation of tumor necrosis
factor..alpha. (TNF..alpha.) expression

Patent: US 6080580-A 13 27-JUN-2000;

Location/Qualifiers
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1 (bases 1 to 18)
Barbas.C.P. III, Gottesfeld,J.M. and Wright,P.E.
Zinc finger protein derivatives and methods therefor
Patent: US 6140466-A 62 31-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.8%; Score 12.8; DB 1; Length 18; 87.5%; Pred. No. 5.9e+02; tive 0; Mismatches 2; Indels
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M Unknown.
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A (Dases 1 to 18)

A Monia, BP, and Cowsert, L.M.

Antiaense inhibition of human mekl expression
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 62 from patent US 6140466.
AR117923
AR117923.1 GI:14098829
                         AR100282 18 bp 1
Sequence 13 from patent US 6080580.
AR100282. GI:12810730
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1 2 c 7 g
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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E 1 (bases 1 to 18)

S Monia,B.P. and Cowsert,L.M.

Altisense inhibition of EGR-1 expression

AL Datent: US 6008048-A 13 28-DEC-1999;

Location/Qualifiers

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3 1 (bases 1 to 18)

S. Monia,B.P. and Cowsert,L.M.

Antisense modulation of TRADD expression.

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                         Patent: US 5977300-A 11 02-NOV-1999;
Location/Qualifiers
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Sequence 13 from patent US 6008048.
AR096629 AR096629.1 GI:10025595
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Unclassified.

1 (bases 1 to 18)

Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
Antieense oligonucleotide modulation of tumor necrosis
factor-(.alpha.) (TNF-.alpha.) expression
Patent: US 6228642-A 13 08-MAY-2001.
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1 (bases. 1 to 18)
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1 soluted peptide defined by SEQ ID NO: 17 and uses thereof patent: US 6171806-A 9 09-JAN-2001;

Patent: US 6171806-A 9 09-JAN-2001;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                        Unknown.
Unclassified.
1 (bases 1 to 18)
1 (bases 1 to 18)
1 Herman, J. Coulie, P., van der Bruggen, P. and Boon-Falleur, T. Isolated peptide defined by SEQ ID NO: 17 and uses thereof Patent: US 6171806-A 11 09-JAN-2001;
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Sequence 13 from patent US 6228642.
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                                                         Gaps
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Manoharan,M., Cook,P.Dan. and Bennett,C.Frank.
Derivatized oligonucleotides having improved uptake and other
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llarity 87.5%; Pred. No. 5.98+02;
Conservative 0; Mismatches 2; Indels
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Query Match

Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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Monia B.P. and Cowsert, L.M.
Antisense modulation of Smad7 expression
Patent: US 615969-A 11 12-DEC-2000;
Location/Qualifiers
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Patent: US 6153737-A 15 28-NOV-2000;
Location/Qualifiers
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Sequence 11 from patent US 6159697.
AR121115.1 GI:14104691
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Sequence 15 from patent US 6153737.
AR120115
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ilarity 87.5%;
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PAT 20-APR-2002
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Unclassified.
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1 (bases I to 18)
Zwick, M. G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
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Location/Qualifiers
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                                                                                                                                                          Length 18;
       Unclassified.
1 (bases 1 to 18)
Matsuyama,T., Grossman,A. and Richardson,C.Donald.
LSIRF polypeptides
Patent: US 658935-A 11 10-JUL-2001;
Location/Qualifiers
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Matsuyama.T., Grossman,A. and Richardson,C.Donald.
Gense encoding LSIRF polypeptides
Patent: US 6369202-A 11 09-APR-2002;
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 555 from patent US 6350934.
AR196090.1 GI:20245527
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AR196090/c
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Unknown.
Unclassified.
I (bases 1 to 18)
Coulie, P. and Boon-Falleur, T.
Isolated protein processed to peptides which form complexes with
HLA molecules
Patent: US 62453133-A 9 12-UUN-2001;
Location/Qualifiers
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| Coulie, P. and Boon-Falleur, T.
| Coulie, P. and Boon-Falleur, T.
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Sequence 11 from patent US 6245333.
AR157306 AR157306.1 GI:16218237
Mismatches
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Sequence 9 from patent US 6245333.
AR157304.1 GI:16218235
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Unclassified.

E 1 (bases I to 18)

NS Buchman, A.R., Burks, C., Francis-Lang, H.L., Gillett, L.A.,
Heller, J.C., Kopczynski, C.C., Margolis, J.S., Platt, D.M.,
Reddy, B.P., Swimmer, C., Winslow, J.W. and Luo, Y.

Nucleic acids and polypeptides of invertebrate TWIK channels and
methods of use
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nethods of use
Location/Qualifiers

Source
/organism="unknown"

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1 (bases 1 to 18)

Cohen, D., Chumakov I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 5567 25-MAR-2003;
Location/Qualifiers
Rosenberg, A.S. Selective elimination of T cells that recognize specific Selective elimination of T cells that recognize specific preselected targets
Patent: US 6491908-A 9 10-DEC-2002;
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 57 from patent US 6511824.
AR277996
AR277996.1 GI:29711929
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AR293832/c
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Unclassified.
1 (bases 1 to 18)
Matlashewski, G.U., Banks, L. and Storey, A.
Screening method for determining individuals at risk of developing diseases associated with different polymorphic forms of wildtype
                                                                                               PAT 20-JUN-2002
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Unclassified.
(Dases 1 to 18)
Williams, K.Jon. and Tabas, I.
Human gene encoding human chondroitin 6-sulfotransferase
Patent: US 6399358-A 10 04-JUN-2002;
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 10 from patent US 6399358.
AR211741.1 GI:21515144
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Location/Qualifiers
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Sequence 4 from patent US 6489105.
AR258012.1 GI:27308126
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Sequence 9 from patent US 6491908.
AR264643
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/organism="unknown"
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/organism="unknown"
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AR264643/C
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AR258012
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AR211741
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PAT 27-FEB-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                              Francis-Lang, H.L., Gillett, L.A., Margolis, J.S., Reddy, B.P., Winslow, J.W., Luo, Y., Gendreau, S.B., Jacobus, D.A., Tietjen, K., Nauen, R. and Jeschke, P.
Nauen, R. and Jeschke, P.
Nucleic acids and polypeptides of invertebrate twik channels and methods of use
Patent: WO 0109301-A 57 08-FBB-2001;
Genoptera, LLC (US)
Location/Qualifiers
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                                                                             Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
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Dna sequences isolated from human colonic epithelial cells

Patent: WO 0111047-A 7 15-FEB-2001;

Bayer Corporation (US)

Location/Qualifiers
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/organism="Drosophila melanogaster"
/mol_type="genomic DNA"
/db_xref="taxon:7227"
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Sequence 11 from Patent W00111047.
AX082560
AX081062 18 bp
Sequence 57 from Patent WO0109301.
AX081062
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Sequence 7 from Patent W00111047.
AX082556
AX082556.1 GI:13184666
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Homo sapiens
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                                                                                                                                                                                                                                                                  Matlashewski, G.J. and Storey, A. Screening method for determining individuals at risk of developing diseases associated with different polymorphic forms of wildtype
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Method for detecting microorganisms in a sample Patent: WO 0068421-A 4 16-NOV-2000;
Vermicon AG (DE)
Location/Qualifiers
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/organism="synthetic construct"
/organism="synthetic construct"
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/note="Oligonukleotidsonde"
a 7 c 7 g 3 t
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Patent: WO 9911817-A 4 11-WAR-1999;
MATLASHEWSKI GREG J (CA); UNIV MCGILL (CA)
Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="Human p53"
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Sequence 4 from Patent WO0068421.
AX047241 GI:11876522
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Sequence 4 from Patent WO9911817.
AX004745
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AX047241/c
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Issatchenkia orientalis
Eukaryota; Fungi; Ascomyoota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; Saccharomycetaceae; Issatchenkia.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Apfel, H., Heesemann, J., Trebesius, K. and Autenrieth, I. Test for micro-organisms
Patent: WO 0136673-A 20 25-MAY-2001;
Creatogen Aktiengesellschaft (DE)
Location/Qualifiers
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/mol_type="genomic DNA"
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/note="Primer XPD exon 10 consensus"
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 5.9e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 20 from Patent WO0136673.
AX147718 AX147718 GI:14346763
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Sequence 9 from Patent WO0162964.
AX229739
AX229739.1 GI:15591951
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              Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Dna sequences isolated from human colonic epithelial cells
Patent: Wo 0111047-A 13 15-FBB-2001;
Bayer Corporation (US)
Location/Qualifiers
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Dna sequences isolated from human colonic epithelial cells
Patent: Wo 0111047-A 11 15-FBB-2001;
Bayer Corporation (US)
Location/Qualifiers
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Genctyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3250 26-APR-2001;
Orchid Blosciences, Inc. (US)
Location/Qualifiers
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AXI18127.1 GI:14035078
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/db_xref="taxon:9606"
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Reagents and methods for identifying and modulating expression of genes regulated by retinoids
Patent: Wo 0192578-A 44 06-DEC-2001;
Board of Trustees of the University of Illinois (US)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
/note="Anisense primer for beta-IG-H3 reporter gene construction"
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Patent: WO 0218638-A 26 07-MAR-2002;
Gemini Genomics PLC (GB)
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Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 44 from Patent WO0192578.
AX323452
AX323452.1 GI:18094215
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Sequence 26 from Patent W00218638.
AX394481
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Agent for postoperative use after the removal of bone tumours
Patent: WO 0178756-A 12 25-OCT-2001;
Depuy Biotech Jens GmbH (DE)
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iive 0; Mismatches 2;
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Pred. No. 5.9e+02;
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Sequence 12 from Patent WO0178756.
AX284155
AX284155.1 GI:17044843
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Method for specific, fast detection of threadlike bacteria Patent: Wo 021011089-A 10 19-DEC-2002;

Vermicon AG (DE)

Location/Qualifiers

1 . 18

/ organism="synthetic construct"
/ mol_type="genomic DNA"
/ db_xref="taxon:32630"
1 a 7 7 7 3 t
                                              Distler,J., Model,F. and Taubert,H.
Method and nucleic acids for the analysis of colon cancer
Patent: W03014388-A 460 20-FEB-2003;
Epigenomics AG (DE)
Location/Qualifiers
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Method and diagnostic kit for the molecular diagnosis of
pharmacologically relevant genes
Patent: WO 03108837-A 81 06-WAR-2003;
Adnagen AG (DE)
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Sequence 81 from Patent WO03018837.
AX713195
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Sequence 10 from Patent WO02101089.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
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Chemokines as adjuvants of immune response
Patent: WO 02058723-A 7 01-AUG-2002;
Schering Corporation (US)
Location/Qualifiers
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Sequence 8 from Patent WO02101002.
AX659153
AX659153.1 GI:29161387
                                                AX556880 18 bp Sequence 7 from Patent WO02058723. AX556880
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BD012743.1 GI:22092932

W 0 0112808-A/16.

Synthetic construct
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artificial sequences.

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Sis Seno C. and Numara.M.
A novel frizzled family gene, 584

Datent: WO 0112808-A 16 22-FEB-2001,
CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE INC, CHIAKI SENO,
MARIKO NUMARA.

S Artificial Sequence
PN WO 0112808-A/16

PN WO 012808-A/16

PN WO 012808
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A novel frizzled family gene, 584.
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Method for the specific fast detection of bacteria which is harmful to beer
to beer
Patent: WO 02103043-A 428 27-DEC-2002;
Vermicon AG (DE)
Location/Qualifiers
1. .18
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//note="Oligonukleotid"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;
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1..18
/organism="synthetic construct"
/nol type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonuklectid"
/ note="Oligonuklectid"
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Seguence 428 from Patent W002103043.
AX718864
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Sequence 8 from Patent EP1295938.
AX719127 GI:29891614
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/organism="Homo sapiens"
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Homo sapiens
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PAT 18-SEP-2002
PAT 27-AUG-2002
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C12Q1/70
Strandedness: Single;
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ALTICIAL SEQUENCES.

I [bases 1 to 12]

I [bases 1 to 1
                                                                                                                                                                                                                                          Kit and method for determining HLA type Patent: WO 0192572-A 302 06-DEC-2001; NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TP KAGIYA, TATSUO ICHIHARA, YOSHIYKI MATSUMURA, SHOGO MORIYA, MICHIO NISHIDA
                                                                                                                      synthetic construct
synthetic construct
artificial sequences.
( Dases 1 to 18)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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WO 0192572-A/302
06-DEC-2001
01-JUN WO 2001JP004662
01-JUN -2000 JP 00P 164798
HIDBTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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BD106627
JP 2002502249-A/42.
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C12Q1/68, C12M1/00, C12N1S/09, G01N33/53
Description of Artificial Sequence: capture
Key
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2;

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|mol_type="genomic DNA"
|db_xref="taxon;32630"

  3 nethod for determining HLA type.
BD104198
Kit and method for determ
BD104198
BD104198.1 GI:22649772
WO 0192572-A/302.
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B074290.1 G1:22619893

BD74290.1 G1:22619893

JP 2001514860-A/4.

synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 18)

Mallashewski,G.J., Banks,L. and Storey,A.

Screening method for assaying individual having danger of onset of disease related to polymorphic morphology of different wild-type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: JP 2001514860-A 4 18-SEP-2001;
MCGILL UNIVERSITY, IMPERIAL CANCER RESEARCH TECHNOLOGY,
INTERNATIONAL CENTER FOR GENETIC ENGINEERING AND BIOTECHNOLOGY
OS Artificial Sequence
N JP 2001514860-A/4
PD 18-SEP-2001
PF 31-AUG-1998 JP 2000508823
PR 02-SEP-1997 CA 2214466
PI GREG J MATLASHWSKI LANKENCE BANKS, ALAN: STOREY PC
C1201/68, C12N15/09, G01N33/15, G01N33/50, G01N33/574, PC
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31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11,C07H21/04,AG1K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
source
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llarity 87.5%; Pred. No. 5.9e+02;
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organism='Artificial Sequence'
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Pred. No. 5.9e+02;
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/organism="synthetic construct"
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                                                                                                                                              /organism='Unknown'
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity 87.5%;
Matches 14; Conservative
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C12Q1/6
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE

REFERENCE

JOURNAL

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BASE COUNT

FEATURES

RESULT 598 BD104198/c

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RESULT 597 BD074290

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E06267.1 GI:2174454

E06267.1 GI:2174454

Synthetic construct
artificial sequences.

SM synthetic construct
artificial sequences.

E1 (Dases 1 to 18)

SS exi,M., Honda,Y., Takahashi,K., Murakami,T., Teranishi,Y. and
Hayashi,N.

GENE OR DNA FRAGMENT DERIVED FROM HEPATITIS C VIRUS, POLYPEPTIDE
CODED BY THE SAME AND ITS PRODUCTION
GENE OR DIA FRAGMENT DERIVED FROM HEPATITIS C VIRUS, POLYPEPTIDE
CODED BY THE SAME AND ITS PRODUCTION
ATTIGITAL GORP

OS Artificial gene
CO Artificial sequence, Genes.
PN UP 1994000085-A/107
PD 11-JAN-1994 JP 1992194497

PR 11-JUN-1991 JP 91P 139268, 12-JUL-1991 JP 91P 172794, PR
20-APR-1992 JP 92P 999709,
LOCT-1991 JP 91P 287008, 16-DEC-1991 JP 91P 332329, PR
PN MANNAMAT MANNATO, HONDA YOSHIKAZU, TAKAHASHI KAZUNOBU, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PAT 29-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                       (C12N15/00,C12R1:325),(C12N15/00,C12R1:645)
Description of Artificial Sequence:Synthesized Primer Sequence
                                                                                                                                                                                                                                                       CI2N15/09,C12Q1/68//(C12N15/09,C12R1:01),(C12N15/09,C12R1:385), PC (C12N15/09,C12R1:19),(C12N15/09,C12R1:19),(C12N15/09,C12R1:645),C12N15/00,PC (C12N15/00,C12R1:645),C12N15/00,C12R1:01),(C12N15/00,C12R1:01),(C12N15/00,C12R1:01),PC
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C12N15/51,C07K7/06,C07K7/08,C07K7/10,C07K13/00,C07K15/12, PC
                                                                       primer set for detecting
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                                                                                     Microorganisms
Patent: JP 200223766-A 12 13-AUG-2002;
PARAN CC LTD, TAXAYUKI EZAKI, KATSUMI ENDO
OS Artificial Sequence
PN JP 200223766-A/12
PD 13-AUG-2002
PF 31-JAN-2001 JP 2001023742
PI TAXAYUKI EZAKI
                                                   Ezaki,T.
Method for detecting microorganisms, and
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Location/Qualifiers

    18
        'organism="synthetic construct" moi type="genomic DNA" db_xref="taxon;32630"

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synthetic construct artificial sequences.
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Primer.
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                                                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct
SM synthetic construct
artificial sequences.

I (bases 1 to 18)

Mikoshiba,K. and Tate,N.

Realin protein CR-50 epitope domain

Realin protein CR-50 epitope domain

Artificial Sequence

No Artificial Sequence

No Artificial Sequence

PN JP 2002017361-A/10

PN JP 2002017361-A/10

PN JP 2002017361-A/10

PP 04-JUL-2000 JP 200202801

PI KATSUHIKO MIKOSHIBA,NAOKO TATE

PC C12N15/09,A61K31/711,A61K38/00,A61K48/00,A61P25/00,COTK14/47,

PC C12N1/15,

PC C12N1/15,

PC C12N1/15,
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A61K37/02,
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/organism='Artificial Sequence'
                                                                                                                                             ch 0.8%; Score 12.8; DB 1; Length 18; 1 Similarity 87.5%; Pred. No. 5.9e+02; 14; Conservative 0; Mismatches 2; Indels
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llarity 87.5%; Pred. No. 5.9e+02;
Conservative 0; Mismatches 2; Indels
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synthetic primer for PCR
Location/Qualifiers
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/organism="synthetic construct"
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                                 1..18
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Reelin protein CR-50 epitope domain.
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JP 2002223766-A/12.
Synthetic construct
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BD107307.1 GI:23202125
JP 2002017361-A/10.
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PD 22-JW
PP 04-JUL
PU CATSUND
PC CL2N1/
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GOLN33/50,
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YUSUKE NAKAMURA, RYUJI TOKINO
C12N15/09, C07K14/705, C07K16/28, C12N1/19, C12N5/10, C12P21/02, PC
C12P21/08//
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                   PAT 18-JUN-2001
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FT primer bind (1), (18).
Location/Qualifiers
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0.8%; Score 12.8; DB 1; Length 1.

Best Local Similarity 87.5%; Pred. No. 5.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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Unknown.
Unknown.
Unclassified.
E 1 (bases 1 to 18)
(S Gaynor,R.B., Garcia,J.A. and Harrich,D.
Transdominant tat mutants and uses thereof
AL Patent: US 5597895-A 9 28-JNN-1997;
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                   DNA
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Sequence 9 from patent US 5597895.
134449
134449.1 GI:1825240
             Scavenger receptor-like protein. B32535
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3 c 12 a
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OS Artificial genes

OS Artificial genes

ON Artificial genes

ON Artificial genes

ON TOTAL 1994

PN 199400006-A/107

PD 11-JAN-1994

PR 07-OCT-1991 UP 91P 287008, 16-DEC-1991 UP 91P 332329, PR 20-APR-1992 UP 99957

PR 07-OCT 1991 UP 91P 287008, 16-DEC-1991 UP 91P 332329, PR 20-APR-1992 UP 99957

PR SEKI MAKCIO, HONDA YCSHIKAZU, TAKAHASHI KAZUNOBU, PI MURAKAMI TOWOKO,

PI TERANISHI YUTAKA, HAYASHI NORIO

PC CLINIS/B1, COTRY/06, COTRY/06, COTRY/06, COTRIJ/00, CIZNS/10, PC CLINIS/11,

PC CLINIS/B5, CLIPPI/O2/A61K39/29, (CLIPPI/O2, CLIPRI:91), COTK99:00;

CC STRANDGENES: Single;

CC LODOLOGY: Linear.
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C12N1/21, C12NS/10,
PC C12N1S/11, C12NIS/70, C12NIS/85, C12P21/02//A61K39/00, A61K39/29,
PC (C12NIS/11, C12NIS/70, C12R1:91), (C12P21/02, C12R1:19), (C12P21/02, PC C12R1:19), (C12P21/02, PC C12R1:91),
PC C12R1:91),
PC C12R1:91),
CC strandedness: Single;
CC strandedness: Single;
CC ctopology: Linear.
Location/Qualifiers
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206466.1 GI:2174650
27P 1994000086-A/107.
synthetic construct
artificial sequences.
1 (bases 1 to 18)
Seki, M., Honda, Y., Takahashi, K., Murakami, T., Teranishi, Y. and
Hayashi, N.
GENE FOR DNA FRAMENT DERIVED FROM HEPATITIS C VIRUS, POLYPEPTIDE
CODED BY THE SAME AND ITS PRODUCTION
PATCHEL: JP 1994000086-A 107 11-JAN-1994;
MITSUBISHI KASEI CORP
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|/mol_type="genomic DNA"
|/db_xref="taxon:32630" 2 t
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Location/Qualifiers
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υυνδεν513 18 bp DNA linear PRI 21-SEP-2002
Homo sapiens gene for tyrosine hydroxylase, exon 9, partial
sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Isolation and characterization of the human tyrosine hydroxylase gene: identification of 5' alternative splice sites responsible for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            O'Malley, K.L., Anhalt, M.J., Martin, B.M., Kelsoe, J.R., Winfield, S.L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Kobayashi,K., Kaneda,N., Ichinose,H., Kishi,F., Nakazawa,A.,
Kurosawa,Y., Fujita,K. and Nagatsu,T.
Structure of the human tyrosine hydroxylase gene: alternative
splicing from a single gene accounts for generation of four mRNA
                                                                                                                                 Gaps
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                                                                                       Length 18;
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                                                                                       Score 12.8; DB 1;
Pred. No. 5.9e+02;
0; Mismatches 2;
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/product="tyrosine hydroxylase"
/note="AA 355 at 1"
/number=9
    /note="T-DNA flanking sequence
left border" 1 g 12 t
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Biochemistry 26 (22), 6910-6914 (1987)
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/db_xref="taxon:9606"
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/replace="c"
a 5 c
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                                                                                         0.8%;
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Homo sapiens
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/number=9
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                                                                         Query Match
Best Local Similarity 87.5'
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Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue gaston Cremieux, 91057 Evry cedex, FRANCE
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.info.info.ingopn.fr).

Location/Qualifiers
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
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        PAT 03-APR-1998
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left border; T-DNA flanking sequence.

Arabidopsis thaliana (thale cress)

Arabidopsis thaliana

Bukaryota; Virialiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chavin, S., Bechlold, N., Craud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences
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/cultivar="Rassillewskija"
/db_xref="kaxon:3702"
/clone="073El2"
/clone=lib="Arabidopsis thaliana T-DNA insertion lines"
                                                                                                                                        Unaturation,
Unclassified,
1 (bases 1 to 18)
Gaymor,R.B., Garcia,J.A. and Harrich,D.
Compositions and methods relating to transdominant Tat mutants
Patent: US 5686264-A 9 11-NOV-1997;
Location/Qualifiers
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87.5%; Pred. No. 5.9e+02;
vative 0; Mismatches 2;
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organism="Arabidopsis thaliana"
           DNA
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18 bp
Sequence 9 from patent US 5686264.
173252.
173252.1 GI:3009391
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EMBO Rep. 3 (12), 1152-1157 (2002)
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/organism="unknown"
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Balzergue, S.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                             Unknown.
Unclassified.
Unclassified.

1 (bases 1 to 32)

Orum, H. and Seeger, C.

Method for generating multiple double stranded nucleic acids
Patent: US 6326143-A 5 04-DEC-2001;
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                   Length 32;
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Best Local Similarity 70.8%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 7; Indels
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62.5%; Pred. No. 5.9e+02;
iive 0; Mismatches 12;
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Patent: WO 0134654-A 78 17-MAY-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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Sequence 5 from patent US 6326143.
AR179068
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/organism="unknown"
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AX146616.1 GI:14285009
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                 Query Match
Best Local Similarity 62.5
Matches 20; Conservative
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                                                                                                  AB069291 1-WAY-2003
Synthetic construct DNA, reverse primer for human STS sts-R-48021R
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                        Direct Submission
Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
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                                                                                                                                                                                                                                                                                                                             A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
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Best Local Similarity 87.5%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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|mol_type="genomic DNA"
|db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
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Sequence 5 from Patent WO9720068.
A62993.
A62993.1 GI:3716865
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16 CCACTCACGCTCAGG 1
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Query Match 0.8%; Score 12.4; DB 1; Length 14; Best Local Similarity 92.9%; Pred. No. 6.5e+02; Matches 13; Conservative 0; Mismatches 1; Indels.
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unclassified
unclassified
unclassified.
1 (bases 1 to 14)
Brysch, W. and Schlingensiepen, K.
An ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION
DETERT: WO 9833904-A 1350 06-AUG11998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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unclassified.
1 (bases 1 to 14)
Brysch,W.D. and Schlingensiepen,K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 58 05-AUG-1998;
                                                                          unidentified
unclassified.
unclassified.
1 (bases 1 to 14)
Brysch,W. and Schlingensiepen,K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PALENT, WO 8333904-A 58 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Sequence 1350 from Patent W09833904.
A89202 G1:6737772
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Sequence 58 from Patent EP0856579.
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                     Sequence 58 from Patent WO9833904
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                                                   A87910.1 GI:6736480
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Genes and proteins participating in the upstream of degradation passage of aromatic polycyclic compound.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                0.8%; Score 12.6; DB 1; Length 20; 78.9%; Pred. No. 6.3e+02; ive 0; Mismatches 4; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630" 1 t
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Patent: WO 013454-A 73 17-MAY-2001;
BIOGEN, INC. (US)
Location/Qualifiers
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Sequence 73 from Patent WO0134654.
AX146611 GI:14285004
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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BD016571.1 GI:22557747
JP 2001245662-A/59.
synthetic construct
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Best Local Similarity 55.8
Matches 24; Conservative
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Best Local Similarity 75.,
Best Local 15; Conservative
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Mammalia, Eutheria, Cetartiodactyla, Suina, Suidae, Sus.
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Patent: WO 0198537-A 302 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
Location/Qualifiers
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Best Local Similarity 92.9%; Pred. No. 6.5e+02;
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Best Local Similarity 92.9%; Pred. No. 6.5e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 302 from Patent WO0198537.
AX419965.1 GI:21524332
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Sequence 174 from Patent W00036143.
AX028355
AX028355.1 GI:10189568
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artificial sequences.
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Best Local Similarity 92.9
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Sus scrofa
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AX028355/c
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Nucleic acids provided for modulating cellular activation
Patent: WO 9940187-A 12 12-AUG-1999;
ABKEN HINRICH (DE)
Location/Qualifiers
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/organs="Aids-associated retrovirus"
/mol type="genomic DNA"
/db_xref="taxon:11966"
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/organism="synthetic construct"
/mol_type="genomic DNA"
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/noTe="synthetische"
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INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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                            /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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AX019396/C
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AX007878
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BD068930 14 bp RNA linear PAT 27-AUG-2002
CON Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors.

BD068930 BD068930 1 GI:22614533
i JP 2001511003-A/1770.

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second to second treatment of diseases or conditions related
to levels of epidermal growth factor receptors

L Patent: JP 2001511003-A 1770 07-AUG-2001;
RIBOTYME PHARMAGEUTICALS INC, ASTON UNIV
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Enzymatic nucleic acid treatment of diseases or conditions
related to
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 134 06-AUG-1998;
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Location/Qualifiers
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llarity 92.9%; Pred. No. 6.5e+02;
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Sequence 134 from Patent WO9833904.
A87986
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/organism="unidentified"
/mol_type="genomic_RNA"
/db_xref="taxon:32644"
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I (bases 1 to 14)

S chlingensiepen, K.H. and Brysch, W.

S chlingense oligomucleotide preparation method

An antisense oligomucleotide preparation method

Patent: JP 2001511000-A 58 07-AUG-2001;

BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

OS Unknown

PN JP 2001511000-A/58

PN JP 2001511000-A/58

PF 30-JAN-1997 EP 97101531.8

PR 31-JAN-1997 EP 97101531.8

PR 31-JAN-1997 EP 97101531.8

PC CLEXNES, ILLINGENES EPEN, WOLFGANG BRYSCH

PC CLEXNES, ILLINGENES Oligomucleotide preparation method FH Key
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TO 2001511000-A/1350.

Unidentified
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1 (Dases I to 14)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2015111000-A 1350 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPERN, WOLFGANG BRYSCH
2015/11, 207121/014, A61K31/70
An artisense oligonucleotide preparation method FH
Location/Qualifiers
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JP 2001511000-A/58
JP 2001511000-A/58
30-AUG-2001
31-JAN-1999 JP 1998512533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
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An artisense oligonucleotide preparation method FH
Location/Qualifiers
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                                       14 bp DNA linear
An antisense oligonuclectide preparation method.
BD065423
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An antisense oligonucleotide preparation method.
BD066715
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/organism='Unknown'
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/organism="unidentified"
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/mol_type="genomic DNA"
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07-AUG-2001
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JP 2001511000-A/58.
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PAT 29-SEP-1999
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Unknown...
Unclassified.
Unclassified.
I (bases 1 to 15)
Hest,M.D., Shay,J. and Wright,W.E.
Wethod for screening for agents which increase telomerase activity in a cell
Patent: US 5830644-A 52 03-NOV-1998;

Location/Qualifiers
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Unknown.
Unclassified.
1 (bases 1 to 15)
Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W.
Gene expression profiles in normal and cancer cells
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Unclassified.
Unclassified.
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194180-7.
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Sequence 627 from patent US 6333152.
AR180559
AR180559.1 GI:20222592
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Sequence 48 from patent US 6194150.
AR131623
AR131623.1 GI:14120526
                                                                     Sequence 52 from patent US 5830644.
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/organism="unknown"
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AR050983.1 GI:5974347
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Best Local Similarity 92.9
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AR050983/c
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Unknown.
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Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TNF-alpha. ribozymes
Patent: US 5811300-A 58 22-SEP-1998;
Location/Qualifiers
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0.8%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 134 05-AUG-1998;
BIOGNOSTIK GES (DE)
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Sequence 134 from Patent BP0856579.
A89953
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PAT 24-AUG-2000

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sus scrofa
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus
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Selecting animals for parentally imprinted traits
Selecting animals for parentally imprinted traits
Selecting animals for parentally imprinted traits
SEGHERSCENTER, N (BE), GEORGES MICHEL (BE); UNIV LIEGE
SPINCEMAILLE GEERT (BE); MELICA HB (SE); ANDERSSON LEIF
LOCATION/QUALIFIERS
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32.9%; Pred. No. 6.5e+02;
ve 0; Mismatches 1; Indels
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Purified transcription factor cdf-1 and its use
Patent: WO 9927092-A 1 03-JUN-1999;
LIU NINGSHU (DE); MUELLER ROLF (DE)
Location/Qualifiers
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Seguence 223 from Patent EP1164203.
AX328726
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/db_xref="taxon:9606"
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Sequence 1 from Patent W09927092.
AX003643
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/organism="Sus scrofa"
/mol_type="genomic DNA"
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Best Local Similarity 92.9%;
Matches 13; Conservative
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Homo sapiens
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Unknown.
Unclassified.
I (bases 1 to 15)
I (bases 1 to 15)
Weinrich, S.L., Strahl, C.M., McBachern, M.J., Shay, J., Wright, W.B., Blackburn, E.H., Kim, N.W. and Vaziri, H. Diagnostic methods for conditions associated with elevated cellular levels of telomerase activity
Patent: US 6551774-A 79 2124fy
Patent: US 6551774-A 79 2124fy
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1 (bases 1 to 15)
West,M.D., Shay,J., Wright,W. and Blackburn,E.H.
Screening methods to identify inhibitors of telomerase activity
Patent: US 6368789-A 51 09-APR-2002;
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Patent: US 6333152-A 627 25-DEC-2001;
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Sequence S1 from patent US 6368789.
AR204601.1 G1:21501969
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/organism="unknown"
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Best Local Similarity 92.9%;
Matches 13; Conservative
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PAT 08-JAN-2002

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Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Weedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
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Method and reagent for inhibiting the expression of disease related
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unclassified.
1 (Dases I to 15)
Schlingensiepen, K.H. and Brysch, W.
An antisense Oligonucleotide preparation method
Patent: JP 2001511000-A 134 07-AUG-2001,
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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92.9%; Pred. No. 6.5e+02;
live 0; Mismatches 1;
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Sequence 3832 from Patent EP1260586.
AX636693 GI:28472307
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                  Parent: EP 1260586-A 3327 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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/mol_type="mRNA"
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7 c 1 g +
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JP 2001511000-A/134.
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                                                                       van den Boom, D.,
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Allele-specific primer extension assay
Patent: WO 02068684-A 33 06-SEP-2002;
Pyrosequencing AB (SE); DZIEGLEWSKA, Hanna Eva (GB)
Location/Qualifiers
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Xiang, G., Lough, D.M., Ruppert, A. and Hillenkamp, F.
Dna diagnostics based on mass spectrometry
Patent: E P 1164203-A 223 19-DEC-2001;
SEQUENOM, INC. (US)
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/mol_type="genomic DNA"
| Mol_type="genomic DNA"
| note="Extension Probe"
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Sequence 3327 from Patent EP1260586.
AX636188 AX636181 GI:28471802
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Sequence 33 from Patent WO02068684.
AX535794
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/organism="unidentified"
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/db_xref="taxon:32644" 4
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artificial sequences.
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PAT 07-0CT-1997
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   PAT 26-JUL-1995
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Unknown...
Unclassified.
I (bases 1 to 15)
I crespi, C.L., Penman, B.W. and Davies, R.D.
Human cell line stably expressing 5cDNAS encoding
procarcinogen-activating enzymes and related mutagenicity assays
protationgen at 04. UUL-1995,
Patent: US 5429948-A 4 04. UUL-1995,
Location/Qualifiers
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West,M.D., Harley,C.B., Strahl,C.M., McBachern,M.J., Shay,J.,
Wright, W.E., Blackburn,E.H. and Vaziri,H.
Therapy and diagnosis of conditions related to telomere length
and/or telomerase activity
Patent: US 5645986-A 52 08-JUL-1997,
Location/Qualifiers
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Unclassified.
3 I (bases 1 to 15)
8 Stinncomb, D.T., Draper, K.G. and McSwiggen, J.
8 Rel a targeted ribozymes
AL Patent: US 5658780-A 266, 19-AUG-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                       Score 12.4; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 1;
     DNA
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Sequence 266 from patent US 5658780.
1161712 161712.1 GI:2479660
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Sequence 52 from patent US 5645986.
1151784 151784.1 GI:2472985
15 bp
Sequence 4 from patent US 5429948.
112919
112919.1 GI:910896

    1. 15
    /organism="unknown"

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Best Local Similarity 92.9%;
Matches 13; Conservative
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PD 12-MAR-2002

PR 06-NOV-1996 US 08/744481,06-NOV-1996 US 08/74603

PR 06-NOV-1996 US 08/74655,06-NOV-1996 US 08/744590 PR

06-NOV-1996 US 08/74655,06-NOV-1996 US 08/74590 PR

19-SEP-1997 US 08/733792,08-CCT-1997 US 08/78010 PI

KOSTER, DANIEL P LITTLE, ANDREAS BRAUN, DAVID M LOUGH, PI GU
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UP 2002507883-A/223.

Sytthetic construct

Synthetic construct

artificial sequences.

I (bases 1 to 15)

Boom, D.V.D., Jurinke, C. and Rupert, A.

Boom, D.V.D., Jurinke, C. and Rupert, A.

Batent: UP 2002507883-A 223 12-MAR-2002;
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PI DIRK VAN DEN BOOM, CHRISTIAN JURINKE, ANDREAS RUPERT PC
C1201/68, C07H21/00, C07F9/24
CC Strandedness: Single;
CC Topology: Unknown
Location/Qualifiers.
   07-AUG-2001
30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12115/11,C07H21/04,A61K31/70
An antisenee oligonucleotide preparation method FH
Location/Qualifiers
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92.9%; Pred. No. 6.5e+02;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism='Unknown'
_location/Qualifiers
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PAT 23-NOV-2000
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                                                                                            Stuyver,L. Method for detection of drug-selected mutations in the hiv protease
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Methods, compositions, and cells for encapsidating recombinant vec
tors in aav particles
Patent: WO 0055038-A.5 02-NOV-2000;
TARGETED GENETICS CORPORATION (US)
Location/Qualifiers
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Hall,J.G., Ip,H.S., Kaiser,M., Kwiatkowski,R.W., Lukowiak,A.A.,
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:11966"
a 3 c 4 9 5 t
                                                                                                                                    Patent: WO 9967428-A 401 29-DEC-1999;
INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
                              Aids-associated retrovirus
Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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Sequence 223 from Patent WO0190337.
AX317220
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Sequence S from Patent W00065038.
AX042425
AX042425.1 GI:11341033
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 AX007859.1 GI:9995556
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West,M.D., Shay,J., Wright,W., Blackburn,E.H. and McBachern,M.J.
Telomerase activity assays for diagnosing pathogenic infections
Patent: US 5695932-A 51 09-DEC-1997;
Location/Qualifiers
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Unclassited.
1 (bases 1 to 16)
3 Beachy, R.N. and Bhattacharyya, M.
Plant promoter.
L Patent: US 5824857-A 1 20-OCT-1998;
Location/Qualifiers
1. 16
/organism="unknown"
3 c 2 g 4 t
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Sequence 51 from patent US 5695932.
184393.1 GI:3021913
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ARO50052
ARO50052.1 GI:5972044
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0 c 8 g
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AX007859
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AX741031.1 GI:30523892
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Lyamichev, V., Ma, W., Olson-Munoz, M.C., Olson, S.M., Schaefer, J.J., Skrzypczynski, Z., Takova, T.Y., Vedvik, K.L. and Lyamichev, N.E. Detection of rna Patent: Wo 190337-A 223 29-NOV-2001; THIRD WAVE TECHNOLOGIES, INC. (US) Location/Qualifiers
                                                                                                                                                                                                                 'note="The residue at tH position is a cy3 abasic linker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Koester, H., Little, D.P., Braun, A., Jurinke, C., van den Boom, D., Xiang, G., Lough, D.M., Ruppert, A. and Hillenkamp, F. Dna diagnostics based on mass spectrometry
Patent: EP 116403-A 224 19-DEC-2001;
SEQUENOM, INC. (10S)
Location/Qualifiers
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92.9%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;

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Seguence 3325 from Patent EP1293569.
AX716641
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Sequence 224 from Patent BP1164203.
AX328727
AX328727.1 GI:18101926
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A IT 03-APR-2003;
Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
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Methods, Kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: Wo 03027328-A 5 03-APR-2003;
Boston Probes, Inc. (08); pakoCytomation Denmark A/S (DK)
Location/Qualifiers
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s c artificially synthesized primer sequence"
Full-length cDNAe
Patent: EP 1293569-A 3325 19-NAR-2003;
Helix Research Institute (JP); Research Association for
Biotechnology (JP)
Location/Qualifiers
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Sequence 5 from Patent WO03027328.
AX741031
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Patent: WO 9306219-A 8 01.APR-1993;
Location/Qualifiers
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Standbomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R. Stinchcomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R. Stinchcomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R. Stinchched, to app (a) mRNA Patent: US 5597106-A 349 04-FEB-1997;
Location/Qualifiers
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Unclassified.

1 (bases 1 to 16)
Meyer,R.B. Jr., Gall,A.A. and Reed,M.W.
Peptide linkers for improved oligonucleotide delivery
Patent: US 5574142-A 8 12-NOV-1996;
Location/Qualifiers
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                                                                                                                                                                   Query Match

0.8%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 349 from patent US 5599706.
135381
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artificial sequences.
1 (bases 1 to 17)
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TITLE
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FEATURES
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AUTHORS
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/db xrefe"teson:32630"
/db xrefe"teson:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
3 g 2 t
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CC Strandedness: Single;
CC Topology: Unknown;
FH Key Location/Qualifiers.
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synthetic construct
artificial sequences.

(bases 1 to 16)
Koster, H., Little, D.P., Braun, A., Lough, D.M., Xiang, G.,
Boom, D.V.D., Jurinke, C. and Rupert, A.
By diagnosis method based on mass spectrometry
Patent: JP 2002507883-A 224 12-MAR-2002;
                                                                                                                                                                                          ö
                                                                                                                                                       Query Match 0.8%; Score 12.4; DB 1; Length 16; Best Local Similarity 92.9%; Pred. No. 6.6e+02; Matches 13; Conservative 0; Mismatches 1; Indels
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DNA diagnosis method based on mass spectrometry.
BD132292
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Pred. No. 6.6e+02;
0; Mismatches 1;

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Sequence 8 from patent US 5574142.
128863.
128863.1 GI:1819650
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Best Local Similarity 92.9%
Matches 13; Conservative
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PAT 29-SEP-1999
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Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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0.8%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Unclassified.
£ 1 (bases 1 to 17)
(S Hampel, A.B. and Tritz, R.H.
HIV targeted ribozymes
(AL Patent: US 5888785-A 27 12-JAN-1999;
Location/Qualifiers

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1 (bases 1 to 17)

Hampel,A.E., Tritz,R.H. and Hicks,M.F.

HIV targeted hairpin ribozymes

Patent: US 5869339-A 27 09-FEB-1999,

Location/Qualifiers
                                                         1 (bases 1 to 17)

Hampel,A.E., Tritz,R.H. and Hicks,M.F.

Hairpin ribozymes

Patent: US 5856188-A 27 05-JAN-1999;

Location/Qualifiers

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Sequence 27 from patent US 5858785.
AR028821.1 GI:5940794
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AR028821/c
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AR034358/c
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                                                                                                                                                                                                                                                SECONDARY-METABOLITE BIOSYNTHESIS GENES FROM ACTINOMYCETES, METHOD OF ISOLATING THEM, AND THEIR USE
Patent: WO 9306219-A 9 01-APR-1993;
Location/Qualifiers
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Synthetic Streptomyces nodosus sequencing primer Prev337
A25088 1 GI:833540
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unidentified
unclassified.
1 (Dases 1 to 17)
Wike,H.W. and Holbrook,J.J.
CHRAL SYNTHESIS WITH MODIFIED ENZYMES
PATER: WO 9315208-A 11 05-AUG-1993;
GENZYME ITD (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.8%; Score 12.4; DB 1;
92.9%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="genomic DNA"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 27 from patent US 5856188.
AR027367 GT:5938187
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A76795.1 GI:6088649
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
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1277 GCCTTCGCGCCCTT 1290
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Best Local Similarity 92.9°
Matches 13; Conservative
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PAT 20-APR-2002
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Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
Nucleic acid transporter systems
Patent: US 61177554-A 8 23-JAN-2001;
Location/Qualifiers
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Unclassified.
Unclassified.
Unclassified.
Unclassified.
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A $410 12-FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)

Bedgelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulio-Adamic,J., Swedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 599 04 WAR-2003;
Location/Qualifiers
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AR189922
AR189922.1 GI:20235887
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AR286227
AR286227.1 GI:29723823
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/organism="unknown"
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Unclassified.
1 (bases 1 to 17)
Noo.S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
Nucleic acid transporter system and methods of use
Patent: US 5994109-A 8 30-NOV-1999;
Location/Qualifiers
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Morgante, M. and Vogel, J. Marie.
Compound microsatellite primers for the detection of genetic polymorphisms
Patent: US 595576-A 16 21-SEP-1999;
Patent: Usoation/Qualifiers
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Pred. No. 6.6e+02;
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Sequence 16 from patent US 5955276.
AR074719
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8 c 2 g
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Best Local Similarity 92.9%;
Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
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PAT 30-MAY-2001

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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Sateria, Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterinae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex.
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Mycobacterium tuberculosis
Bacteria; Actinobacteria, Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
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Xit for diagnosis of tubercle bacilli
Patent: EP 1076095-A 60 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Suzuki,Y., Nishida,M. and Takenishi,S.
Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 40 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
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    .17
/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"

Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 818 04-MAR-2003; Location/Qualifiers
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92.9%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;
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92.9%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;
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Sequence 60 from Patent EP1076099.
AXI39212
AXI39212.1 GI:14274885
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Sequence 40 from Patent BP1076099.
AX139192
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                                                            /organism="unknown"
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Unclassified.
1 (bases 1 to 17)
Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
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Unclassified.

1 (bases 1 to 17)

1 (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.,

Matulic, Adamic, J., Sweedler, D. and Zinnen, S.

Synthetic ribonucleic acids with RNAse activity

Patent: US 6528640-A 758 04-WAR-2003;

Location/Qualifiers
                                                                                                                                                                    Unclassified.

1 (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 697 04-MAR-2003;
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92.9%; Pred. No. 6.6e+02;
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Sequence 818 from patent US 6528640.
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Sequence 697 from patent US 6528640.
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/organism="unknown"
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AR286325.1 GI:29723921
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 904 16-AUG-2001;
RIBOZYMS HARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 01S3103-A 1168 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/organism="synthetic construct"
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/mol_type="mknA"
/db_xref="taxon:32630"
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AX215726
AX215726.1 GI:15525769
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent WO 155103-A 290 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Method and reagent for the modulation and diagnosis of cd20 and ore expression
nogo gene expression
Patent: WO 0159103-A 903 16-AUG-2001;
RIBOZYME PHARMACCOUTCALS, INC. (US) ; Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol xref="taxon:32630"
/nore="Nucleic Acid"
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Sequence 903 from Patent WO0159103.
AX215461
/db_xref="taxon:1773"
/note="capture"
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PAT 07-SEP-2001
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Patent: Wo 0157206-A 854 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
                                                                                                                                               Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2397 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="texon:32630"
/note="Nucleic Acid"
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/mol_type="mRNA"
/db_xref="taxon:32630"
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Sequence 2397 from Patent W00159103.
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AX216955.1 GI:15527016
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Sequence 964 from Patent WO0157206.
AX227592. GI:15556733
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Sequence 854 from Patent WO0157206.
AX227482. GI:15556623
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                                                                                                                                                                                                                                          Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1790 16-AUG-2001;
RIBOZYMS PHARMACEUTICAL, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol type="mRNNA"
/db Xref="taxon:32630"
/note="Nucleic Acid"
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
/ note="Nucleic 6 g 1 t
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AX216348.1 GI:15526409
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Homo sapiens
Eukaryota, Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human testis expressed patched like protein
Patent: EP 1229046-A 165 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human posh-like protein 1
Patent: EP 1239051-A 1821 11-SEP-2002;
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Sequence 165 from Patent EP1229046.
AX498858
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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                                                     Fattaey, A.R., Jarvis, T., Mcswiggen, J., Booher, R.N. and Holman, P.S. Method and reagent for the inhibition of checkpoint kinase-1 (chk
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human testis expressed patched like protein
Patent: EP 1229046-A 161 07-AUG-2002;
Aeomica, Inc. (US)
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/db_xref="taxon:32630"
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Sequence 225 from Patent EP1164203.
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AX328728.1 GI:18101927
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Sequence 161 from Patent EP1229046.
AX498854
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        artificial sequences.
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unclassified.
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AX328728
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human posh-like protein 1
Patent: BP 1239051-A 1824 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1984 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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AX532476
AX532476.1 GI:25256724
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Sequence 1984 from Patent EP1239051.
AX532475
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/organism="Homo sapiens"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX532315
AX532315.1 GI:25256413
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                                              Homo sapiens (human)
Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AX532315/c AX532315 AX532315 DNA
DEFINITION Sequence 1824 from Patent BP1239051.
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Patent: EP 1239051-A 1823 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 1822 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Seguence 1823 from Patent EP1239051.
AX532314
                                                                                                      Sequence 1822 from Patent EP1239051.
AX532313
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/organism="Homo sapiens"
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/db_xrefe"taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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GAGGAGTCTCTGCA 570
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Matches 13; Conservative
                              17 GAGGGTCTCTGCA 4
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AX532313/c
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Tequences involved in phenomena of tumour suppression, tumour reverseion, apoptosis and/or resistance to viruses and their use as medicines

Patent: Wo 03004526-A 2172 16-JAN-2003;

Molecular Engines Laboratories (FR)

Location/Qualifiers
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Our human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12

Patent: EP 1281758-A 403 05-FEB-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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               Query Match 0.8%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 6.6e+02; Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 2172 from Patent WO03004526.
AX673727
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Sequence 403 from Patent EP1281758.
AX687671. GI:29410367
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/ db_ q c 1 g 5
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human posh-like protein 1
Patent: BP 1239051-A 1986 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1987 11-SEF-2002;
Aeomica, Inc. (US)
Location/Qualifiers
Human posh-like protein 1
Patent: EP 1239051-A 1985 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xef="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_rref="taxon:9606" 1
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX532478
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Acomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 740 from Patent EP1281758.
AX688008
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Sequence 741 from Patent EP1281758.
AX688009.1 GI:29410707
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/db_xref="taxon:9606"
a 6 c 7 g 3
 Sequence 739 from Patent EP1281758.
AX688007
AX688007.1 GI:29410705
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Homo sapiens
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 482 from Patent EP1281758.
AX687750
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3 c 8 g 2
                                                                                                   17 bp | Sequence 478 from Patent EP1281758.
AX687746
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4 c 7 g 3
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Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
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Seguence 1460 from Patent BP1281758.
AX688728
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                   Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
mdz12
Patent: EP 1281758-A 741 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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       Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Aeomica, Inc. (US)
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Sequence 742 from Patent EP1281758.
AX688010
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Memo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Butheria, Primates, Catarrhini, Hominidae, Homo.
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llarity 92.9%; Pred. No. 6.6e+02;
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                                                                 AX688736 17 bp DNA Sequence 1468 from Patent EP1281758. AX688736
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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Query Match 0.8%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 6.6e+02; Matches 13; Conservative 0; Mismatches 1; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
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Aeomica, Inc. (US)
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Sequence 1467 from Patent BP1281758.
AX688735.1 GI:29411439
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EF 1281758-A 3192 05-FEB-2003;
Aeomica, Inc. (US)
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Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                           Patent: EP 1281758-A 3190 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Homo sapiens
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Homo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                              Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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Aeomica, Inc. (US)
Location/Qualifiers
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Seguence 3190 from Patent EP1281758.
AX690458
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                  AX688738.1 GI:29411442
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Homo sapiens
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                                           Homo Bapiens (human)
Homo sapiens
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PAT 08-MAY-2003

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Mus musculus (house mouse)
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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0.8%; Score 12.4; DB 1; Length 17; 92.9%; Pred. No. 6.6e+02; ive 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03125176-A 398 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.9%; Pred. No. 6.6e+02;
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Sequence 398 from Patent W003025176.
AX722711
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Sequence 57 from Patent WO03008640.
AX696158
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AX722711/c
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AX696158
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                          Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 5972 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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92.9%; Pred. No. 6.6e+02;
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AX729407.1 GI:30508750
      Sequence 5972 from Patent W003025176. AX728285
AX728285.1 GI:30507628
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Patent: WO 03025105 Laboratories (FR)
Molecular Engines Laboratories (FR)
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/mol_type="genomic DNA"
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8 c 3 g 6
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
a 11 c 2 g ;
                                                                                                               Mus musculus (house mouse)
Mus musculus
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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larity 92.9%; Pred. No. 6.6e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 5492 from Patent W003025176.
                                                                                            AX726731 17 bp DNA
Sequence 4418 from Patent WO03025176.
AX726731
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptoeis and/or resistance to viruses and the use thereof as medicaments
            Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 4836 27-MAR-2003;
Molecular Engines Laboratories (FR)

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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3030217-A 1149 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                          Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 1041 27-WAR-2003;
Molecular Engines Laboratories (FR)
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tive 0; Mismatches 1;
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AX733202
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                    sapiens (human)
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C12N15/09,C12N15/09,C12M1/00,C12Q1/68//(C12Q1/68,C12R1:32), P
(C12Q1/68,C12R1:325),(C12Q1/68,C12R1:33),C12N15/00,C12N15/00
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/organism='Mycobacterium tuberculosis'.
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/organism="Mycobacterium tuberculosis"
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Matches 13; Conservative 0; Mismatches 1;
                                                                     Location/Qualifiers
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BD067380/c
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BD013496/c
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JP 2001103981-A/40.
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteria; Actinomycetales;
Corymebacterineae; Mycobacteriaces; Mycobacterium; Mycobacterium tuberculosis complex.
                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and another another Engines Laboratories (FR)

Location/Qualifiers
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RS Suzuki,S., Nishida,M. and Takenishi,S.
Diagnosis kit of tubercle bacillus

Patent: JP 2001103981-A 40 17-APR-2001;

NISSHINBO IND INC, SYSTEM RESEARCH CO LTD

OS Mycobacterium tuberculosis

PD 17-APR-2001

PP 26-TT-
         Patent: WO 03025177-A 3517 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                               17 bp DNA Sequence 4476 from Patent W003025177. AX738886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Diagnosis kit of tubercle bacillus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                        /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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AX73886
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BD013476/c
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BD104453.1 GI:22650027
WO 0192572-A/557.
Synthetic construct
artificial sequences.
1 (Dases 1 to 17)
Incho, H., Kagiya, T., Ichihara, T., Mateumura, Y., Moriya, S. and
Nishida, M.
Kit and method for determining HLA type
Patent: WO 0192572-A 557 06-DEC-2001;
RISHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAT 27-AUG-2002
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WO 0192572-A/557
06-DEC-2001
01-UN-2001 WO 2001JP004662
01-UN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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C12Q1/68,C12M1/00,C12N15/99,G01N33/53
Description of Artificial Sequence:capture
Key
/organism='Unidentified'
                                                                                                                                            Query Match 0.8%; Score 12.4; DB 1; Best Local Similarity 92.9%; Pred. No. 6.6e+02; Matches 13; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                    1...17
/organism="unidentified"
/mol_type="genomic RNA"
/db_ref="taxon:32644" 4
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PN WO 019
PN WO 019
PN 01-JUN
PR HIDBTO
MATSUMURA,
PI SHOGO
PC CI201,
CC Descri
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BD104759/C
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JOURNAL
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KEYWORDS
SOURCE
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                                                                  unclassified.

unclassified.

Sa Akhtar. S., Fell, P. and Mcswiggen, J.A.

Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

AL Patent: UP 2001511003-A 220 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

SO Unidentified

N JP 2001511003-A/220

PP 14-JAN-1998 UP 1998532913

PR 11-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC C12N9/00, C07X14/71

CC Strandedness: Single;

CC Strandedness: Single;

CC Enzymatic nucleic acid treatment of diseases or conditions CC
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BD067381.
BD067381.1 GI:22612984
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1 (bases 1 to 17)
Akhtar,S., Fell,P. and Mcswiggen,J.A.
Bhrymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors
Patent: JP 2001511003-A 221 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
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Enzymatic nucleic acid treatment of diseases or conditions
related to
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Enzymatic nucleic acid treatment of diseases or conditions related to
levels of epidermal growth factor receptors
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14-JAN-1998 UP 1998532913
31-JAN-1997 US 60/036476,04-DEC-1997 US
RACHTAR, PATRICIA PELL, JAMES A MCSWIGGEN PC
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Key Location/Qualifiers
source 1. .17
                                                                                                                                                                                                                                                                                                                                                                                                                      .ce 1..17 /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1...17
|/organism="unidentified"
|/mol_type="genomic RNA"
|/dol_type="genomic RNA"
|/dol_type="taxon:32644" |
| dol_type="taxon:32644" |
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JP 2001511003-A/221
           BD067380.1 GI:22612983
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                         UP 2001511003-A/220.
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BD067381/c
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PAT 13-MAY-1997
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I (bases 1 to 17)
Préparabberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen.,
Préparabberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen.,
Grabley, S., Sichel, P. and Br au, B.
Secondary-metabolite biodynthesis genes from actinomycetes, method
of isolating them and their use
Patent: US $614619-A 8 25-MAR-1997;
Location/Qualifiers
                                                                                                                                                                             PAT 07-0CT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PAT 13-MAY-1997
                                                                                                                                                                                                                                                                           Unclassified.

1 (Dases 1 to 17)

2 (Dases 1 to 17)

(Callie, B.L., Dunn, J.M. and Stevens, J.K.

Method, reagents and Kit for diagnosis and targeted screening for retinoblastoma

retinoblastoma

Patent: US 5550020-A 77 27-AUG-1996;

1 Location/Qualifiers

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                          Length 17;
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                         0.8%; Score 12.4; DB 1;
92.9%; Pred. No. 6.6e+02;
1ve 0; Mismatches 1;
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Pred. No. 6.6e+02;
0; Mismatches 1;
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Sequence 77 from patent US 5550020.
125290
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17 bp
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138725,1 GI:2084779
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1 4 c 7 g
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Best Local Similarity 92.9%;
Matches 13; Conservative
                            Query Match
Best Local Similarity 92.9%;
Matches 13; Conservative
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artificial sequences.

1 (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
Nishida,M.
Kit and method for determining HLA type
Patent: WO 0192572-A 863 06-DEC-2001;
NISSHINBO INDUSTRIES INC,SYSTEM RESEARCH INC,HIDETOSHI INOKO, TAEKO
RAGIYA, TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHIO
NISSHIDA
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                                                                                                                        Artificial Sequence
W0 0192572-A/863
W0 0192572-01001
01-JUN-2001
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI PI
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08/787639 PR
08/947801 PI
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                                                                                                                                                                                                                                                                                      /organism='Artificial Sequence'
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                                                                                                                                                                                                                    SHOGO MORIYA, MICHIO NISHIDA
C1201/68,C12M1/00,C12N1S/09,G01N33/53
Description of Artificial Sequence:capture
Key
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DNA diagnosis method based on mass spectrometry
BD132293
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/ Organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
s 6 g 5 t
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002507883-A/225.
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Best Local Similarity 92.9'
Matches 13; Conservative
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PN WO 01
PD WO 01
PP 01-JU
PR 11-JU
PR HIDEN
MATSUMURA,
PI SHOGO
PC C12Q1
CC Descr
FH Key
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Unknown.
Unclassified.
I (bases 1 to 30)
Schalling, M., Hudson, T.J. and Housman, D.E.
Direct detection of expanded nucleotide repeats in the human genome
Patent: US 5695933-A 2 09-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                              PAT 04-APR-1998
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0.8%; Score 12.4; DB 1; Length 30;
Best Local Similarity 63.3%; Pred. No. 6.6e+02;
Matches 19; Conservative 0; Mismatches 11; Indels
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0.8%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid" 1 t
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Sequence 1815 from Patent WO0159103.
AX216373
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30 bp
Sequence 2 from patent US 5695933.
184401.1 GI:3021921
/organism="unknown"
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AX216373
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TITLE
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Unclassified.
1 (bases 1 to 17)
Piepersberg,W., Brau,B. and Sichel,P.
Secondary-metabolite biosynthesis genes from actinomycetes, method of isolating them and their use
Patent: US 5710032-A 9 20-JAN-1998;
Location/Qualifiers
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                                                                                                                                      Unclassified.

1 (bases 1 to 17)
Pichersberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen., Piepersberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen., Steopley, S., Sichel, P. and Br au, B. Secondary-metabolite biosynthesis genes from actinomycetes, method of isolating them and their use Patent: US 5614619-A 9 25-MAR-1997;
Location/Qualifiers
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1 (bases 1 to 17)
Piepersbergy, W., Brau, B. and Sichel, P.
Secondary-metabolite biosynthesis genes from actinomycetes, method of isolating them and their use Patent: US 5710032-A 8 20-JAN-1998;
Location/Qualifiers
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0.8%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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92.9%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;
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Sequence 8 from patent US 5710032.
181334.1 GI:3209624
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Sequence 9 from patent US 5710032.
181335.
181335.1 GI:3209625
Sequence 9 from patent US 5614619.
138726
138726.1 GI:2084780
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PAT 22-JAN-2000
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artificial sequences.
I (basea I to 17)
Seemann, G., Bosslet, K., Czech, J., Kolar, C., Hoffmann, D. and
Sedlacek, H.H.
Fusion proteins with monoclonal antibody, Linker and beta
Glucuronidase for producy activation; preparation and use thereof
Patent: BP 0501215-A 5 02-SEP-1992;
BEHNINGMERKE Aktiengesellschaft
Location/Qualifiers
                                                 Homo sapiens (human)
Homo sapiens
Eukaryota, Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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0.8%; Score 12.2; DB 1; Length
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Human testis expressed patched like protein
Patent: EP 1229046-A 353 07-AUG-2002;
Acomica, Inc. (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Sequence 71 from Patent WO9833904.
A87923
A87923.1 GI:6736493
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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(bases 1 to 17)
Brysch, W. and Schlingensiepen, K.
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A27313.1 GI:1248429
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AX499046.1 GI:23381339
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2393 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
                                                                                                                                                                                                          Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2388 16-AUG-2001;
RIBOZYME PHARMACEUTICALLS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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/organism="synthetic construct"
/organism="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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                                               Sequence 2388 from Patent WO0159103.
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Sequence 353 from Patent EP1229046.
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AX499046/c
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Unclassified.

I (bases 1 to 17)

RS Stinchcomb, D.T. and McSwiggen, J.A.

Interleukin-2 receptor gamma-chain ribozymes

Interleukin-2 receptor gamma-chain ribozymes

And Patent: US 5807743-A 11 15-SEP-1998;

Location/Qualifiers

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Sequence 11 from patent US 5807743.
AR039163
AR039163.1 GI:5958526
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1 (bases 1 to 17)
Stinchcomb, D.T. and McSwiggen, J.A.
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  1549 GGCCGGGGGGGGCGC 1565
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Matches 14; Conservative
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1 (bases i to 17)
Draper,K.G.
Method and reagent for inhibiting herpes simplex virus replication
Patent: US 5795778-A 30 18-AUG-1998;
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0.8%; Score 12.2; DB 1; Length 1'
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 17)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 71 05-AUG-1998;
BICGNOSTIK GES (DE)
Location/Qualifiers
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD PALENE: WO 9833904-A 71. 06-AUG-1998; BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE) Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_rsf="taxon:32644" 3
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Reguence 71 from Patent EP0856579.
A89890
A89890.1 GI:6738404
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/mol_type="genomic DNA"
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PAT 29-SEP-1999
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1 (bases 1 to 17)

Stinntcomb,D.T. Targer,K., McSwiggen,J. and Jarvis,T.

C-myb ribozymes having 2'-5'-linked adenylate residues

Patent: US 5817796-A 1477 06-OCT-1998;

Location/Qualifiers
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Unclassified.

E 1 (bases 1 to 17)

S Stinchcomb, D.T. and McSwiggen, J.A.

Interleukin-2 receptor gamma-chain ribozymes

AL 18 5807743.A 463 15-SEP-1998;

Location/Qualifiers

Incation/Qualifiers

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1 (bases 1 to 17)

Stinchcomb, D.T. and McSwiggen, J.A.
Stinchcomb, D.T. and McSwiggen, J.A.

Buterleukin.2 receptor gamma-chain ribozymes
Patent: US 5807743-A 811 15-SEP-1998;
Location/Qualifiers
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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   AR039615 17 bp DNA
Sequence 463 from patent US 5807743.
AR039615
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Sequence 811 from patent US S807743.
AR039963.1 GI:5959326
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                                                        AR039615.1 GI:5958978
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Unclassified.
3 1 (bases 1 to 17)
S Stinchcomb,D.T. and McSwiggen,J.A.
Interleukin-2 receptor gamma-chain ribozymes
Interleukin-2 receptor gamma-chain ribozymes
A Patent: US 580743-A 459 15-SEP-1998;
Location/Qualifiers
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Unknown.
Unclassified.

E 1 (bases 1 to 17)

AS Stinchcomb,D.T. and McSwiggen,J.A.
Interleukin-2 receptor gamma-chain ribozymes

NAL Patent: US 5807743-A 457 15-SEP-1998;

Location/Qualifiers

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Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 455 15-SEP-1998;
Location/Qualifiers
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Sequence 457 from patent US 5807743.
AR039609.1 GI:5958972
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/organism="unknown"
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AR039611/C
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Control of S55276-A 6 21-SEP-1999;
Patent: US 555276-A 6 21-SEP-1999;
Location/Qualifiers
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Sequence 6 from patent US 5955276.
AR074709
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AR074708.1 GI:10001461
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Best Local Similarity 82.4'
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AR107651
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Unclassified.

Unclassified.

S Morgante,M. and Vogel,J.Marie.
Compound microsatellite primers for the detection of genetic polymorphisms
Patent: US 595276-A 3 21-62P-1999;
Location/Qualifiers
1. 17
/ organism="unknown"
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1. 17
/ organism="unknown"
9 a 1; Length 17;
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Morgante, M. and Vogel, J. Marie.
Compound microsatellite primers for the detection of genetic
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
             Length 17;
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
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Patent: US 5955276-A 4 21-SEP-1999;
Location/Qualifiers
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Seguence 4 from patent US 5955276.
AR074707
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17 bp
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AR074706.1 GI:10001459
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AR074706
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FORGER, C. K., Granstrom, D. E., Gajadhar, A. A. and Dubey, J. P. Sarcocystis neuronadiagnostic primer and its use in methods of equine protozoal myeloencephalitis diagnosis

Patent: US 6110665-A 4 29-AUG-2000;

Location/Qualifiers
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Morgante, M. and Vogel, J.Marie.
Compound microsatellite primers for the detection of genetic
1 (bases 1 to 17)
Morgante, n. and Vogel, J.Marie.
Morgante, n. and Vogel, J.Marie.
porgound microsatellite primers for the detection of genetic polymorphisms
Patent: US 595276-A 5 21-8EP-1999;
Location/Qualifiers
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Lillicrap,D., Cameron,C., Notley,C., Hoyle Horrocks,L.Suzanne. and Hough,C.
Canine factor VIII gene, protein and methods of use
Patent: US 6251632-A 61 26-UJN-2001;
Location/Qualifiers
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Sequence 79 from patent US 6288042.
AR168853.1 GI:17904990
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Sequence 6 from patent US 6274310.
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1 (bases 1 to 17)

Brown, S.Marie., Dean, D.Allen., Fromm, M. Ernest. and
Sanders, P. Rigden.
Synthetic DNA sequences having enhanced expression in
monocctyledonous plants and method for preparation thereof
Patent: US 6180774-A 57 30-JAN-2001;
Location/Qualifiers
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Unclassified.
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1 (bases 1 to 17)
Tryggvason, K., Kestila, M., Lenkkeri, U. and Mannikko, M.
Nephrin gene and protein
Patent: US 6207811-A 4 27-MAR-2001;
Location/Qualifiers
Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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Equence 4 from patent US 6207811.
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AR140636.1 GI:14483132
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I bases I to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, J. February of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
related to 18 6346398-A 7322 12-FEB-2002;
Patent: US 6346398-A 7322 12-FEB-2002;
Unclassified.

1 (bases 1 to 17)

Pavoo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Mcthod and reagent for the treatment of diseases or conditions

Method and reagent for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor

related to levels of vascular endothelial growth factor receptor

Patent: US 6346398-A 3997 12-PEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Mathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4075 12-FEB-2002;
Location/Qualifiers
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US 6346398.
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Unclassified.

(bases 1 to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1471 12-PEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothellal growth factor receptor
Patent: US 6346398-A 3972 12-PEB-2002;
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82.4%; Pred. No. 7.1e+02;
iive 0; Mismatches 3; Indels
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Sequence 3972 from patent US 6346398.
AR188484
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AR188509/c
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AR185983/c
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Unclassified.
Unclassified.
1 (bases 1 to 17)
Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,
Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,
Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350334 A. 220 26-FEB-2002;
Location/Qualifiers
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Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P.Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 635094-A 692 26 FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)
Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,
Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 220 26-FEB-2002;
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Seguence 692 from patent US 6350934.
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Sequence 220 from patent US 6350934.
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AR195755/c
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Unclassified.
1 (bases 1 to 17)
2 wick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens., Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 218 26-FEB-2002;
Location/Qualifiers
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Unclassified.
Unclassified.

Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens., Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934A 70 26-FEB-2002;
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Sequence 70 from patent US 6380934.
AR195605
AR195605.1 GI:20245042
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           734 TCGGGAGGCTGCTTCCC 750
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AR195605
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PAT 29-JAN-2003
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Unclassified.
I (bases 1 to 17)
Rando, R.F., Fennewald, S., Zendegui, J.G., Ojwang, J.O. and Hogan, M.E.
Anti-viral guanosine-rich oligonucleotides and method of treating
                                                                                                                                                                                                                                                                                                                              PAT 20-DEC-2002
Hoffman, D.

Glycosyl-etcoposide prodrugs, a process for preparation thereof and the use thereof in combination with functionalized tumor-specific enzyme conjugates
enzyme conjugates
Patent: US 6475486-A 1 05-NOV-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.
Unclassified.
1 (bases 1 to 17)
Cech,T.R., Linguer,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit: diagnostic and therapeutic
methods
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Location/Qualifiers
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Location/Qualifiers
1. 17
/organism="unknown"
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Sequence 245 from patent US 6475789.
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AR243452.1 GI:27290663
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J (bases 1 to 17)

Drapez,K.G.

Method and reagent for inhibiting herpes simplex virus replication
Patent: US 6440719-A 30 27-AUG-2002;

Location/Qualifiers
                                                                                              PAT 20-APR-2002
                                                                                                                                                                                   Unknown.
Unknown.
Unclassified.
1 (bases 1 to 17)
Rando.R.F., Fennewald,S., Zendegui,J.G., Ojwang,J.O., Hogan,M.E.,
Pommier,Y. and Mazumder,A.
Guanosine-rich oligonuclectide integrase inhibitors
Patent: US 6355785-A 79 12-MAR-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 17)
Kolar,C., Czech,J., Bosslet,K., Seemann,G., Sedlacek,H.-H. and
                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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Sequence 1 from patent US 6475486.
AR242713
AR242713.1 GI:27289217
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Sequence 79 from patent US 63B578S.
AR200322 1 GI:20250396
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AR224299.1 GI:23333076
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   17 GGCGCGGGGAGGGGGGC 1
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AR242713
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AR224299/c
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Unclassified.

E 1 (bases 1 to 17)
S Edgelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S., Synthetic ribonucleic acids with RNise activity
AL Patent: US 6528640-A 689 04-MAR-2003;
Location/Qualifiers
                                                                                                                                             Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 17)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucles acids with RNAse activity
Patent: US 6528640-A 672 04 MAR-2003;
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 689 from patent US 6528640.
AR286317
AR286317.1 GI:29723913
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Best Local Similarity 82.4%; Pred. No. 7.1e
Matches 14; Conservative 0; Mismatches
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AX060340
AX060340.1 GI:12405829
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                                                                                                                                                                                         M Unclassified.

E 1 (Dases 1 to 17)

S Bigelman, D, Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity partent: US 6226640-A 319 04-MAR-2003;

Location/Qualifiers
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Pred. No. 7.1e+02;
0; Mismatches 3; Indels
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1 (bases 1 to 17)

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Baigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Batigelman, C., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 377 04-MAR-2003;

Location/Qualifiers
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Sequence 672 from patent US 6528640.
AR286300
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AR286005
AR286005.1 GI:29723601
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Sequence 319 from patent US 6528640.
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/organism="unknown"
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Matches 14; Conservative
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PAT 30-MAY-2001
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                                                                                                                                Shimkets, R.A., Fernandes, E., Herrmann, J.L., Liu, X., Yang, M. and ablodoy, F.L.
Secreted human proteins, polynucleotides encoding them and methods of using the same
Patent: WO 0119856-A S7 22-MAR-2001,
Curagen Corporation (US)
Location/Qualifiers
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Mycobacterium tuberculosis
Bacteria; Actinobacteria, Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
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Kit for diagnosis of tubercle bacilli
Patent: Ep 1076099-A 58 14-FEB-2001
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
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/organism="Mycobacterium tuberculosis"
/mol type="genomic DNA"
/db_xref="taxon:1773"
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82.4%; Pred. No. 7.1e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
note="Ag174 reverse primer"
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Sequence 234 from Patent WO0138503.
AX166743
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Sequence 58 from Patent BP1076099.
AX139210
     Sequence 57 from Patent WO0119856.
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6 c
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artificial sequences.
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/mol_type="genomic DNA"
/db_xref="taxon:10995"
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/mol_type="genomic DNA"
/mol_type="genomic DSS"
/db_xref="taxon:10995"
3 t 4 7 9
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Infectious bursal disease virus
Viruses; dsRNA viruses; Birnaviridae; Avibirnavirus.
                                                                                                                                                                                                                                                                                      Viruses; dsRNA viruses; Birnaviridae; Avibirnavirus.
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Mosaic infectious bursal disease virus vaccines
Patent: WO 0104319-A 2S 18-JAN-2001;
Stichting Dienst Landbouwkundig Onderzoek (NL)
Location/Qualifiers
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Mosaic infectious bursal disease virus vaccines
Patent: WO 0.104319-A 18 18-JAN-2001;
Stichting Dienst Landbouwkundig Onderzoek (NL)
Location/Qualifiers
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 Pred. No. 7.1e+02;
0; Mismatches 3;
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32.4%; Pred. No. 7.1e+02;
tve 0; Mismatches 3;
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Best Local Similarity 82.4%;
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Best Local Similarity 82.4%
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 770 16-AUG-2001;
RIBOZYME PHARMACEUTIALS, INC. (US); Blatt, Lawrence (US);
MCSWiggen, James (US); Chowrira, Bharat M. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 764 16-AUG-2001; RIBOZYMS PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
Method and reagent for the modulation and diagnosis of cd20 and
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                   nogo gene expression
Patent: WO 0159103-4 51 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="mana"
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/organism="synthetic construct"
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Sequence 764 from Patent W00159103.
AX215322
AX215322.1 GI:15525365
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AX215328/c
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                                                                                        Plowman,G.D., Whyte,D., Manning,G.S., Sudarsanam,S.S., Martinez,R., Flanagan,P. and Clary,D.S.
Novel human protein kinases and protein kinase-like enzymes Patent: WO 0138503-A 234 31-MAY-2001;
Sugen, Inc. (US)
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   Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Murphy, B.R., Collins, P.L., Schmidt, A.C., Durbin, A.P., Skiadopoulos, M.H. and Tao, T.
Use of recombinant parainfluenza viruses (pivs) as vectors to protect against infection and disease caused by piv and other
                                                                                                                                                                                                                                                                                                                                                      Gaps
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Patent: WO 0142445-A 29 14-JUN-2001;
Patent: WO 0142445-A 29 14-JUN-2001;
The Secretary of the Department of Health and Human Services
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="oligomer insert for rule-of-six conformity"
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 29 from Patent WO0142445.
AXX73375
AXT73375.1 GI:14598150
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/mol_type="mRNA"
/db_xref="texon:32630"
/note="Nucleic Acid"
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Sequence 868 from Patent WO0159103.
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AX215426.1 GI:15525469
 /note="Nucleic Acid"
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO HISTORY 851 16-AUG-2001;
RIBOZYME PHARMACEUTALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Sequence 821 from Patent WO0159103.
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1591 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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/note="Nucleic Acid"
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Sequence 1591 from Patent WO0159103.
AX216149
AX216149.1 GI:15526192
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1571 16-AUG-2001;
RIBOZYMS PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 901 16-AUG-2001;
RIBOZYME PHARACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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/note="Nucleic Acid"
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AX216129
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AXX15459
AX215459.1 GI:15525502
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Homo sapiens (human)
Memo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                           Blatt,L., Mcswiggen,J. and Chowrira,B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 2370 16-AUG-2001; RIBOZYME PHARMCEUTICALS, INC. (US); Blatt, Lawrence (US):, McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
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Sequence 3641 from Patent WO0159103.
AX218199
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Sequence 63 from Patent WO0173002.
AX262672
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RIBOZYMS PHARMACEUTICAL, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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Patent: WO 0159103-A 2335 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
MCSW1ggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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/note="Nucleic Acid"
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Sequence 2335 from Patent W00159103.
AX216893
Sequence 1791 from Patent WO0159103.
AX216349
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Batent: WO 0173002-A 1375 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A $5 04-0CT-2001;
UNIVERSITY OF DELAWRRE (US)
Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1375 from Patent WO0173002.
AX263984.1 GI:16512783
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Sequence 248 from Patent WO0173002.
AX262857
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- xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: Wo 0173002-A 247 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 64 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 63 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 247 from Patent WO0173002.
AX262856
AX262856.1 GI:16511655
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606" 3
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Sequence 64 from Patent WO0173002.
AX262673
                                                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity 82.4%;
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Matches 14; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 3615 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 013002-A 3669 04-0CT-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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         Sequence 3615 from Patent W00173002.
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Sequence 3694 from Patent WO0173002.
AX266303
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo_sapiens"
/mol_type="genomic_DNA"
/db_xref="taxon:9606"
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AX266303/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002.A 3614 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                  Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO DELAWARE (US)
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 3614 from Patent W00173002.
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AX266223.1 GI:16515022
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Sequence 1376 from Patent WO0173002.
AX263985.1 GI:16512784
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xef="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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              145 GGGCGAGATGCTGCTGC 161
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Homo sapiens (human)

RESULT 813

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PAT 29-0CT-2001
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 359 30-AUG-2001,
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 862 30-AUG-2001,
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Patent: WO 0173002-A 3963 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 862 from Patent W00162911.
AX273293
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Sequence 359 from Patent WO0162911.
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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  Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
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Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 3962 04-OCT-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
                                                                          Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 3695 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Polydesoxyribonuclectides for inhibiting the expression of the licam-1-gene licam-1-gene Patent: WO 0179487-A 4 25-OCT-2001; Degitz, Klaus Karl (DE) ; Besch, Robert (DE) Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 10.2911-A 879 30-AUG-2001;
PREDZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Sequenz:Polydesoxyribonuklectid"
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                          Score 12.2; DB 1;
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Sequence 879 from Patent WO0162911.
AX273310
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Sequence 4 from Patent WO0179487.
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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD
clade, Panicoideae, Andropogoneae, Zea.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 2056 06-DEC-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                            Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: Wo Ol92512-A 2055 06-DEC-2001;
UNIVERSITY OF DELAWARE US)
Location/Qualifiers
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Sequence 2056 from Patent WO0192512.
AX325918.1 GI:18096678
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Sequence 2055 from Patent WO0192512.
AX325917
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A. 84 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GE
LIOCATION/Qualifiers
                                                                                                                                     Kwak,L.W. and Biragyn,A.
Defensin-antigen fusion proteins
Patent: WO 022266.4 12 21-WAR-2002;
The Secretary, Dept. of Health and Human services, NIH (US)
Location/Qualifiers
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Sequence 671 from Patent WO0188124.
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Sequence 84 from Patent WO0188124.
AX421748
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/mol_type="mRNA"
/db_xref="taxon:9606"
Sequence 12 from Patent WO0222686.
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AX406535.1 GI:21439550
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artificial sequences.
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AX421748
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Asteridae; campanulida; Asterales; Asteraceae; Asteroideae;
Heliantheae; Helianthus.
                                                                                                                      Helianthus annuus (common sunflower)
Helianthus annuus
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons; core eudicots;
Asteridae, campanulids, Asterales, Asteraceae, Asteroideae,
Heliantheae, Helianthus.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
single stranded oligonucleotides
Patent WO 019512-A 2300 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonuclectides
Patent: Wo 0192512-A 2319 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:4232"
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/mol_type="genomic DNA"
/db_xref="taxon:4232"
                                        DNA
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                               Sequence 2319 from Patent WO0192512.
AX326181.1 GI:18096943
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Sequence 1558 from Patent WO0188124.
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Sequence 1366 from Patent WO0188124.
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
               1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1154 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                            Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. and Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0.188124-A 671 22-NOV-2001;
PRIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 672 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Sequence 672 from Patent WO0188124.
AX422336
                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukarycia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0.188124-A 1366 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1558 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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0.8%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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PAT 12-AUG-2002
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                                                                                                                                                         Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human kidney tumor overexpressed membrane protein
Patent: WO 0224750-A 126 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein
Patent: WO 0224750-A 127 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indela
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Sequence 126 from Patent WO0224750.
AX474905
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Sequence 127 from Patent W00224750.
AX474906
AX474906.1 GI:22214191
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo
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Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1612 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1882 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Score 12.2; DB 1; Length 17;
Pred. No. 7.1e+02;
0; Mismatches 3; Indels
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AX423546.1 GI:21526928
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Sequence 1612 from Patent WO0188124.
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/mol_type="mRNA"
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AX423276.1 GI:21526658
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Query Match
Best Local Similarity 82.4%;
Matches 14; Conservative (
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human testis expressed patched like protein
Patent: EP 1229046-A 797 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 538 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                              0.8%; Score 12.2; DB 1;
12.4%; Pred. No. 7.1e+02;
.ve 0; Mismatches 3;
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Sequence 797 from Patent EP1229046.
AX499490
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Sequence 538 from Patent EP1229046.
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   Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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                                                                           Zhan,J.
Human testis expressed patched like protein
Patent: BP 1229046-A 166 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229946-A 537 07-AUG-2002;
Aeomica, Inc. (US)
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Human testis expressed patched like protein
Patent: BP 1229046-A 286 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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AX498979
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Sequence 537 from Patent EP1229046.
AX499230
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/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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Patent: EP 1239051-A 728 11-SEP-2002;
Aeomica, Inc. (US)
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Patent: WO 0226818-A 224 04-APR-2002;
 AX527194 17 bp 17 bp 58quence 224 from Patent W00226818. AX527194 1GI:25171809
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Sequence 808 from Patent EP1239051.
AX531299 AX531299.1 GI:25254384
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Homo sapiens
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AX531299/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 7.18+02;
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   Indels
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Patent: EP 1229046-A 968 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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R c 4 g 2
   0; Mismatches
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Sequence 967 from Patent EP1229046.
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/organism="Homo sapiens"
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                               873 TCCTGGACCGCGACGAC 889
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Best Local Similarity 82.4%
Matches 14; Conservative
   14; Conservative
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AX49961
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
                                              Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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Human posh-like protein 1
Patent: EP 1239651-A 1922 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1746 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1922 from Patent EP1239051.
AX522413
AX532413.1 GI:25256601
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AX532237
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Homo sapiens
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AX532237/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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82.4%; Pred. No. 7.1e+02;
tive 0; Mismatches 3; Indels
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Human posh-like protein 1
Patent: EP 1239051-A 1744 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Shannon, M.
Human posh-like protein 1
Patent: EP 1239051-A 1531 11-SEP-2002;
Aeomica, Inc. (US)
Aeomica, Inc. (US)
Location/Qualifiers
                              Human posh-like protein 1
Patent: EP 1239051-A 808 11-SEP-2002;
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Seguence 1744 from Patent EP1239051.
AX532235
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Sequence 1531 from Patent EP1239051.
AX532022
AX532022.1 GI:25255809
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/mol_type="genomic DNA"
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                                                                 Aeomica, Inc. (US)
Location/Qualifiers
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Best Local Similarity 82.44
Matches 14; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: BP 1243660-A 658 25-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 701 25-SEP-2002;
                                                                                                           Zhang, J., Gu, Y. and Nguyen, C.T.
Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 602 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 658 from Patent EP1243660.
AX545145
AX545145.1 GI:25810356
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Sequence 701 from Patent BP1243660.
AX541188
AX545188.1 GI:25810399
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AX545145/c
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polypeptide n-acetylgalatosáminyltransferase 10
Patent: BP 1243660-A 541 25-SBP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: BP 1243660-A 161 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 602 from Patent EP1243660.
AX545089
AX545089.1 GI:25810300
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Sequence 541 from Patent EP1243660.
AX545028
                                                                                             AX544648 17 bp 18 Sequence 161 from Patent EP1243660. AX544648 AX544648.1 GI:25809859
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    CAGCCACAGGGGGATCCC 17
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and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1) and the channel-1 (clca-1) (clca-1) Patent: WO 0211674-A 1172 14-FEB-2002; RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1010 14-FBB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1172 from Patent W00211674.
AX579334
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Sequence 1010 from Patent WO0211674.
AX579172
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AX579172/c
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Patent: WO 0211674-A 833 14-FEB-2002;
RIBOZYME PHARMACETTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 021164-A 177 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Patent: EP 1273660-A 173 08-JAN-2003;
Aeomica, Inc. (US)
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Patent: EP 1273660-A 1216 08-JAN-2003;
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Mammalia, Butheria, Primates, Catarrhini, Hom
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Sequence 173 from Patent EP1273660.
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'db_xref="taxon:9606"
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Homo sapiens
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 7.1e+02
0; Mismatches
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Ammalia; Eutheria; Primates; Catarrhi
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Patent: EP 1262488-A 645 04-DEC-2002
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Patent: EP 1262488-A 88 04-DEC-2002;
Acomina Tra (m)
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Sequence 645 from Patent BP1262488.
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Sequence 88 from Patent EP1262488.
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2.4%; Pred. No. 7
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mol_type="genomic DNA"
db_xref="taxon:9606"
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Conservative
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as madicines apottosis 478 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: WO 03004526-A 577 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 778 from Patent WO03004526.
AX672333 AX672333.1 GI:29330681
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
            Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: BP 1273660-A 1364 08-JAN-2003;
Aeomica, Inc (US)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Four human zing-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ouery Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 404 from Patent EP1281758.
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/organism="Homo sapiens"
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/mol_type="genomic DNA"
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Matches 14; Conservative
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use medicines
Patent: WO 03004526-A 3146 16-JAN-2003,
Molecular Engines Laboratories (FR)
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Sequence 3146 from Patent WO03004526.
AX674701 GI:29333049
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 242 from Patent EP1281758.
AX687510.1 GI:29410204
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
a 9 c 2 g 5
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/db_xref="taxon:9606"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Amo sapiens
Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                   Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, md27 and
mdz12
                                                  Homo sapiens
Eukaryota; Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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Aeomica, Inc. (US)
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Sequence 408 from Patent EP1281758.
AX687676.1 GI:29410372
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Location/Qualifiers
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.8%; Score 12.2; DB 1; Length 1'
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Acomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1281758-A 406 05-FEB-2003;
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Sequence 407 from Patent BP1281758.
AX687675
                                                             17 bp I
Sequence 405 from Patent EP1281758.
AX687673
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/organism="Homo sapiens"
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Location/Qualifiers
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AX687675
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota: Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
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AX688669.1 GI:29411371
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Aeomica, Inc. (US)
Location/Qualifiers
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Acomica, Inc. (US)
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Sequence 1392 from Patent EP1281758.
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     /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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                                                       Patent: EP 1281758-A 738 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Location/Qualifiers
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AX688332.1 GI:29411032
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AX688332/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                        Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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AX690657.1 GI:29413538
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 3407 from Patent EP1281758.
AX690675.1 GI:29413556
                           Sequence 1458 from Patent EP1281758.
AX688726
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7 c 5 g
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                        Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1403 from Patent BP1281758.
AX688671
   Mismatches
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
a 5 c 6 g 1
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity
Matches 14; Conserv
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webbod and compositions of defensin-antigen fusion proteins and chebbod and compositions of defension proteins as vaccines for tumors and viral infection

Patent: WO 03025002-A 12 27-MAR-2003;

THE SECRETARY OF THE DEPRIMENT OF HEALTH AND HUMAN SERVICES (US)

Location/Qualifiers
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Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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 Method and reagent for inhibiting HBV viral replication
Patent: BP 1288296-A 37.0 S-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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                                                                                       /organism="Herpes simplex virus unknown type"
/mol type="genomic RNA"
/db_xref="taxon:126283" 1 t
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Pred. No. 7.1e+02;
4; Mismatches 2;
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/mol_type="genomic DNA"
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1023 from Patent WO03025176.
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AX723356.1 GI:30423837
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Sequence 12 from Patent W003025002.
AX721791 GI:30422379
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artificial sequences.
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Best Local Similarity 64.7%;
Matches 11; Conservative
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AX723336/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                       Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Macejak,D.G. and Mamone,J.A.
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Herpes simplex virus unknown type
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
Alphaherpesvirinae; Simplexvirus.
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Sequence 5935 from Patent EP1281758.
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 372 from Patent EP1288296.
AX711072
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/db_xref="taxon:9606"
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Location/Qualifiers
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AX693203.1 GI:29416167
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                           Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 2979 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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82.4%; Pred. No. 7.1e+02;
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                       Indels
   Pred. No. 7.1e+02;
0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3309 from Patent WO03025176.
AX725622
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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Mus musculus
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                                                       913 GATCGAGACGCGGGAGC
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Matches 14; Conservative
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AX725622/c
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AX725292
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines wo 03025176-A 1206 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1206 from Patent WO03025176.
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AX723519.1 GI:30424020
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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
/mol_type="genomic DNA"
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5 c 5 g
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Mus musculus
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AX723519/c
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                                                                                                                                    Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Sukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
medicines
Patent: WO 03025176-A 4145 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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17 bp DNA Sequence 4145 from Patent W003025176. AX726458
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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/mol_type="genomic DNA"
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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                                                                                                    Sequence 3345 from Patent WO03025176. AX725658
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025176-A 3685 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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Mus musculus
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             17 GGAAGAACTCCAGGATC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03025175-A 288 27-MAR-2003;
Molecular Engines Laboratocries (FR)
Location/Qualifiers
Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
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Patent: WO 03025175-A 1373 27-MAR-2003;
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                                                                            Patent: WO 03025175-A 268 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 288 from Patent WO03025175.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus
                                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
                                                                                          Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 5178 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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    musculus (house mouse)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Patent: WO 03025175-A 3101 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO osgines Laboratories (FR)
Molecular Engines Laboratories (FR)
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/organism="Homo sapiens"
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 /db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
/organism="Homo sapiens"
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AX731101/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour sequences involved in phenomena of tumour apoptocis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3938 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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82.4%; Pred. No. 7.1e+02;
tive 0; Mismatches 3;
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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Sequence 3938 from Patent WO03025177.
AX738348
                                                                AX737846 17 bp DNA Sequence 3436 from Patent W003025177.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 30302177-A 1307 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Momo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutberia; Primates; Catarfhini; Hominidae; Homo.
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                                                               Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptocis and/or resistance to viruses and the use thereof as medicaments
Paten: WO 0302177-A 4825 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025177-A 5431 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 7.1e
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03025177 A 4151 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 7.1e+02;
0; Mismatches 3; Indels
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                                                                                                                                                         Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments
Patent: WO 30302177-A 4056 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Local Similarity 82.4%; Pred. No. 7.1e+02;
es 14; Conservative 0; Mismatches 3;
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Sequence 4056 from Patent W003025177.
AX738466
AX738466.1 GI:30517754
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5 c 3 g 6
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/db_xref="taxon:9606"
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Best Local Similarity 82.4%;
Matches 14; Conservative (
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Homo sapiens
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Homo sapiens
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AX739235/c
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C12N15/09,C12N5/10,C12N7/00,C12N9/22//(C12N5/10,C12R1:91), PC
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JP 2000342286-A/344.

Synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 17)

Draper, K.G., Dad/ktz.L.W., Macswigen, J.A., Maysejak, D.G.,
Holesek, J.J. and Mamone, A.J.

E 1 (bases 1 to 17)

Draper K.G. Dad/ktz.L.W., Macswigen, J.A., Maysejak, D.G.,
Holesek, J.J. and Mamone, A.J.

RIBOZYME PHARMACEUTICALS INC
OS Artificial Sequence
BN JP 2000342286-A/344

PD 12-DEC-2000

PF 01-MAY-1992 US 07/88289, 14-MAY-1992 US 07/88284 PR
14-MAY-1992 US 07/88289, 14-MAY-1992 US 07/88289 PR
14-MAY-1992 US 07/88289, 14-MAY-1992 US 07/88433 PR
14-MAY-1992 US 07/88389, 14-MAY-1992 US 07/88433 PR
14-MAY-1992 US 07/88445, 14-MAY-1992 US 07/884431 PR
14-MAY-1992 US 07/88445, 14-MAY-1992 US 07/88453 PR
14-MAY-1992 US 07/88445, 14-MAY-1992 US 07/88459 PR
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14-MAY-1992 US 07/89459 PR
                                           07/882712
                                     07/88288 F 07/882821 F 07/882821 F 07/882821 F 07/882821 F 07/88433 F 07/884521 F 07/88452
PF 01-MAY-2000 JP 2000132616

PR 11-MAY-1992 US 07/8826189, 14-MAY-1992 US 07/88214

14-MAY-1992 US 07/882814, 14-MAY-1992 US 07/882814

14-MAY-1992 US 07/88286, 14-MAY-1992 US 07/8828814

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14-MAY-1992 US 07/882886, 14-MAY-1992 US 07/882818

14-MAY-1992 US 07/882891, 14-MAY-1992 US 07/884913

14-MAY-1992 US 07/884422, 14-MAY-1992 US 07/884431

14-MAY-1992 US 07/884422, 14-MAY-1992 US 07/884431

14-MAY-1992 US 07/884436, 14-MAY-1992 US 07/884431

14-MAY-1992 US 07/884436, 14-MAY-1992 US 07/884431

15-OCT-1992 US 07/8832, 07-07-1992 US 07/88385886

15-OCT-1992 US 07/936086, 18-SEP-1992 US 07/948359

07-07/936086, 18-SEP-1992 US 07/987129

07/987129

07/987139, 07-07-1992 US 07/987139
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Location/Qualifiers
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/organism="synthetic DNA"

/db_xref="teaxon:32630"

/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence"

Oligomer Sequence-Synthetic Probe Sequence"
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      detectable probe binding to randomly distributed repeat sequences in genomic nucleic acid Patent: Wo 03027328-A 15 03-APR-2003; Boston Probes, Inc. (193); DakoCytomation Denmark A/S (DK)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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attificial sequences.

I (bases 1 to 17)
Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G.,
Holesek, J.J. and Mamone, A.J.
Method and reagent for inhibiting viral replication
L Patent: JP 2000342285-A 344 12-DEC-2000;
RIBOZYME PHARMACEUTICALS INC
OS Artificial Sequence
PD 12-DEC-2000
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A human G protein coupled receptor
Patent: WO 03031621-A 211 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Sequence 211 from Patent W003031621.
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AX744246.1 GI:30722913
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JP 2000342285-A/344.
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Best Local Similarity 82.4%;
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Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences

I (bases 1 to 17)

S Takakura, Y, and Ueki, J.

S Takakura, Jun UEKI

D 01-MAR-2001

PR 18-AUG-2000 WO 2000JP005539

PR 19-AUG-1999 JP 99P 232815

PI VOSHIMITSU TAKAKURA, JUN UEKI

PC C12N15/11, C12P21/02

CC

FH Key

Location/Qualifiers.
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WO 014493-A/25.
Synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 17)
S Takakura, Y. and Ucki, J.
Novel DNA fragment increasing gene expression dose.
L Patent: WO 0114543-A 25 01-MAR-2001;
JAPAN TOBACCO INC, YOSHIMITSU TAKAKURA, JUN UEKI
OS Artificial Sequence
PN WO 0114543-A/25
PD 01-MAR-2001
PF 18-AUG-2000 WO 2000JP005539
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                                                                                                                       0.8%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. 7.1e+02; ive 0; Mismatches 3; Indels
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BD012716
BD012716.
WO 0114543-A'A'
                                                                                                                                                                                                                                                                                                                                                            BD012716 17 bp DNA linear Novel DNA fragment increasing gene expression dose. BD012716.1 GI:22092905
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/db_xref="taxon:32630" 1 t
              /organism="unidentified"
/mol_type="genomic_DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                              1362 GGGACCGCGGGGCGGC 1378
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LECTIONS ON 987133 PI

JAMES JAMES A MACSWIGEN, PI DENNIS G
PI JAMES J HOLESEK, ANTHONY J MAMONE
PC C12N1S/09, C12N5/10, C12N7/00//A61K38/43, A61K39/135, A61K39/135, PC A61K39/135, PC A61K39/145, A61K39/21, A61K39/23, A61K39/245, A61K39/29, A61K48/00, PC A61P1/16, 
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GREG B
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AGINS36/00, AGIN31/7088, AGIN39/00, AGIR436/00, AGIR436/00, AGIR431/00, AGIR410, CO7K5/10, CO7K5/107, CO7K5/107, CO7K5/107, CO7K5/107, CO7K5/107, CO7K5/107, CO7K5/107, CO7K5/107, CO7K5/
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1. .17
/organism='Artificial Sequence'.
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82.4%; Pred. No. 7.1e+02;
tive 0; Mismatches 3; Indels
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Location/Qualifiers
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PC COTE,

C12N15/09,

C1201/02,C1.

PC C1201/02,C1.

PC C1201/03,S3.

PC G01N3/56,G01N3.,

Strandedness Single,

C Topology: Linear;

C Topology: Linear;

Ney Loc

nusm='Unid'
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...hes 14; Conservative
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Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
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Akhar, S., Fell, P. and Mcswiggen, J.A.

Brymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 553 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
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Enzymatic nucleic acid treatment of diseases or conditions
related to
levels of epidermal growth factor receptors
Key
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                             unclassified.

E 1 (Dases I to 17)
S Schlingensiepen, K.H. and Brysch, W.
S Schlingensiepen, K.H. and Brysch, W.
S Chlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
E Patent: JP 2001511000-A 71 07-AUG-2001;
BIGGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNKnown
EN JP 2001511000-A/71
PP 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
CC 201511, COTHAILNGENSIEPEN, WOLFGANG BRYSCH
PC CL2X15/11, COTHAILNGENSIEPEN, WOLFGANG BRYSCH
CC An antisense oligonucleotide preparation method FH Ke
                                                                                                                                                                     Unknown
JP 2001511000-A/71
30-2001
30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
CALL SESSENGE 014504.A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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JP 201511003-A/553
07-AUG-2001
14-JAN-1998 UP 1998532913
31-JAN-1999 UP 60/036476,04-DEC-1997 US
SPARHRA, PATRICIA FELL,JAMES A MCSWIGGEN PC
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32.4%; Pred. No. 7.1e+02;
tve 0; Mismatches 3;
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/organism='Unknown'
Location/Qualifiers
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/organism="unidentified"
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/db_xref="taxon:32644" 3
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/organism="unidentified"
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JP 2001511003-A/553.
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Matches 14; Conservative
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D19494.1 G1:2553808

D19494.1 G1:2553808

D192001103981-A/58.

Mycobacterium tuberculosis

Mycobacterium tuberculosis

Batteria, Actinobacteria, Actinobacteridae, Actinomycetales, Corymebacterineae; Mycobacterium; Mycobacterium tuberculosis complex.

Experimental actinomycetales, Corymebacterium tuberculosis complex.

Experimental actinomycetales, Corymebacterium tuberculosis complex.

Diagnosis kit of tubercle bacilius

Experimental actinomycetales, Corymebacterium tuberculosis

Mycobacterium tuberculosis

Mycobacterium tuberculosis

Mycobacterium tuberculosis

PN 72 201103981-A/58

PN 7
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Location/Qualifiers
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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82.4%; Pred. No. 7.1e+02;
iive 0; Mismatches 3;
                                                                                                Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Diagnosis kit of tubercle bacillus.
YOSHIMITSU TAKAKURA, JUN UEKI
CIZNIS/11, CI2P21/02
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AUTHORS
TITLE
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KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
OS Artificial Sequence
PN WO 0192572-A/608
DD 66-DEC-2001
PP 01-UNY-2001 WO 2001JPD004662
PR 01-UTN-2001 JP 0.PP 164798
PI HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI PI MATSUMURA,
PI SHOGO MORIYA,MICHIO NISHIDA
PC C12Q1/68,C12M1/00,C12N15/09,G01N33/53
CC Description of Artificial Sequence:capture
PK Key
FT SOURCE

//organism='Artificial Sequence'.
FT FOURCE
//organism='Artificial Sequence'.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kit and method for determining HLA type
Patent: WO 0192572-A 930 06-DEC-2001,
NISSHINBO INDUSTRIES INC. SYSTEM RESEARCH INC. HIDETOSHI INOKO, TP
RAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
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WO 0192572-A/930
06-DEC-2001
01-UNN-2001 WO 2001JP004662
01-UNN-2000 JP 00P 164798
HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI
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Location/Qualifiers
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C12Q1/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: Capture
Key
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82.4%; Pred. No. 7.1e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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WO 0192572-A/930.
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Best Local Similarity 82.4
Matches 14; Conservative
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Best Local Similarity
Matches 14; Conserv
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PN WO OIE
PN WO OIE
PN OI-JUN
PN HIDETON
MATSUMURA,
PN SHOGO
PC C12Q1,
CC DESCT!
FH KEY
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JOURNAL
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S Akhar, S., Fell, P. and Mcswiggen, J.A.
S Akhar, S., Fell, P. and Mcswiggen, J.A.
Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors
L Patent: JP 2001511003-A 554 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
OS Unidentified
PN JP 2001511003-A/554
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1999 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI SAGHIR AKHTAR, PATEICIA FELL, JAMES A MCSWIGGEN PC C12N9/00, C07K14/71 FELL, JAMES A MCSWIGGEN PC CC Strandenses: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases or conditions CC
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
Nishida,M.
Kit and method for determining HLA type
Patent: WO 0192572-A 608 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
                                                                                                                                                                                                  17 bp RNA linear PAT 27-AUG-2002 Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.

BD067714 GI:22613317
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
    ch 0.8%; Score 12.2; DB 1; Length 17; Similarity 82.4%; Pred. No. 7.18+02; 14; Conservative 0; Mismatches 3; Indels
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Kit and method for determining HLA type.
BD104504

    .17
    /organism="unidentified"

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/db_xref="taxon:32644"
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WO 0192572-A/608.
                                                                                  891 GCGCCAAGAAGGTCTTC 907
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unidentified
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      Query Match
Best Local Similarity
Matches 14; Conserv
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BD104504/c
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AUTHORS
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AUTHORS
TITLE
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JOURNAL
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PAT 27-APR-1998
                                                           C12N15/11, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C07K14/335, PC
                                                                                                         Polynucieotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matsuda, A. and Ono, A. ANTIERSES I to 17)
Matsuda, A. and Ono, A. ANTIERSE OLIGONUCLEOTIDE, NUCLEOSIDE AND INTERMEDIATE FOR PRODUCING THE SAME, ITS SYNTHESIS, OLIGONUCLEOTIDE SYNTHESIZING UNIT AND ITS
PATENT: JP 1997095495-A 1 08-APR-1997;
RANSAI SHIN GIUUTSU KENKYUSHO:KK, MATSUDA AKIRA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FT
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    17 / Organism='Artificial sequences'

                                                                                                                                                                                                /organism='Lactobacillus brevis'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                    Length 17;
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7 193705545-A/1
08-ARR-1997
29-SEP-1995 UP 1995277168
ARSUDA AKTRA, ONO AKTRA
CO7H21/04/AG1K31/70,AG1K31/70,C12N15/09;
strandedness: Single;
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/organism="Lactobacillus brevis"

/mol_type="genomic DNA"

/db_rref="taxon:1580" 3 t
                                                                                                                                                                                                                                                                                                                                    0.8%; Score 12.2; DB 1; 32.4%; Pred. No. 7.1e+02;
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Modified antisense oligonucleotide.
E12897
E12897.1 G1:5708629
JP 1997095458-A/1.
unidentified
                                                                                                                                                                                                                                                                                                                               Query Match 0.8%; SCOLC 7.16
Best Local Similarity 82.4%; Pred. No. 7.16
28-NOV-2002
23-MAY-2002 WO 2002JP005022
23-MAY-2001 JP 01P 154085
TOSHIO FUJII
                                                                                           212P21/02,C12Q1/04,C12Q1/68
                                                                                                                                                              bacterium
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Key
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AUTHORS
TITLE
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                                                                                                                                                                                      Synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)
Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
Kit and method for determining HLA type
Patent: WO 0192572-A 1272 06-DEC-2001;
NISSHINGO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
NISSHINGO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BD182250 17 bp DNA linear PAT 15-MAY-2003 Polynucleotide probe and primer for detecting beer-clouding lactic acid bacterium and method of detecting beer-clouding lactic acid
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                                                                                                            PAT 27-AUG-2002
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                                                                                                                                                                                                                                                                                                                                                                   Artificial Sequence
WO 0192572-A/1272
06-DEC-2001
01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bacteria, Firmicutes, Lactobacillales, Lactobacillaceae,
Lactobacillus.
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                                                                                                              linear
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C1201/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: capture
Key
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                            17 bp DNA method for determining HLA type.
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WO 02095028-A/63.
Lactobacillus brevis
Lactobacillus brevis
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WO 0192572-A/1272.
 GCGAGCCGGAGCGAGGA 49
                      GCGAGCCGGAGGATGGA 17
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BD105168/c
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PAT 31-JAN-2002
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N Novel DNA fragment enlarging gene expression dose.
E42982
E42982.1 GI:1863341
JP 201057886-A/25.
synthetic construct
A synthetic construct
artificial sequences.
I (bases I to 17)
Takakura, Y, and Ueki, J.
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Location/Qualifiers
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Takakura, Y. and Ueki, J.
Novel DNA fragment enlarging gene expression dose
Patent, JP 2001057886-A 25 06-MAR-2001;
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Patent: JP 2001057886-A 25 06-MAR-2001;
JAPAN TOBACCO INC
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Novel DNA fragment enlarging gene expression dose.
E42982
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0.8%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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32.4%; Pred. No. 7.1e+02;
lve 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
a 10 c 3 g 1 t
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              1. 17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
: a 10 c 4 g 1
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C12N15/09//C12Q1/68, C12N15/00
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Location/Qualifiers
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JP 2001057886-A/25
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JP 2001057886-A/25.
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C12Q1/48,C12Q1/68,G01N33/15,G01N33/48,G01N33/50//C07K14/47, PC C07K16/40,
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C12N15/09,A61K31/70,A61K38/55,A61K39/395,A61K39/395,A61K48/00,
                                                                                                                                                                                                                                                            /note='5-aminohexylcarbamoy1-2'-deoxyuridine'.
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08/911.312, PR
08/915.503 PI
/note='5- (N, N-dimethylaminohexyl)carbamoyl-2'-deoxyuridine'
                                                                                                                                      'note='5-(N,N-dimethylaminohexyl)carbamoyl-2'-deoxyuridine'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PF 15-0CT-1998 JP 1998320169
PR 01-0CT-1996 US 08/724 643,18-APR-1997 US 08/844.4
25-APR-1997 US 08/846.017,06-MAY-1997 US 08/851.843, E
09-MAY-1997 US 08/854.050,14-AUG-1997 US 08/911.312, E
14-AUG-1997 US 08/912.951,14-AUG-1997 US 08/915.503 PI
R SECHI,JOCHIMU RINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI
MORIN.
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Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C., Greg,B.M.,
Calvin,B.H. and William,H.A.
Human telomerase catalytic subunit promoter
Patent: JP 1999253177-A 139 21-SEP-1999;
JERON CORP, UNIVERSITY TECHNOLOGY CORP
                                 /note='5-methyl-2'-deoxycytidine'
                                                                                                                                                                          /note='5-methyl-2'-deoxycytidine'
                                                                                                                                                                                                          /note='5-methyl-2'-deoxycytidine'
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                                                                 /note='5-methyl-2'-deoxycytidine'
                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 12.2; DB 1; Length 17; llarity 82.4%; Pred. No. 7.10+02; Conservative 0; Mismatches 3; Indels
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/organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human telomerase catalytic subunit promoter. E36931
E36931.
E36931.1 GI:13022894
DP 199553177-A/139.
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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JP 1999253177-A/139
21-SBP-1999
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Unclassified.
Unclassified.
1 (bases 1 to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1477 08-JUL-1997;
Location/Qualifiers
                                Length 17;
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
                                Query Match

0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3;
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With Unclassified.
Unclassified.
E 1 (bases 1 to 17)
KS Thompson, J.D. and Draper, K.G.
EML-RARA targeted ribozymes
NAL Patent: US 5639655-A 48 17-JUN-1997;
Location/Qualifiers
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Sequence 1477 from patent US 5646042.
153736 183736.1 GI:2474939
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Sequence 57 from patent US 5689052.
175308
175308.1 GI:3011449
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Seguence 48 from patent US 5639655.
146955
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153736
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Unclassified.
Unclassified.
I (bases 1 to 17)
Tabor,S. and Richardson,C.C.
Method for sequencing DNA using a T7-type DNA polymerase and short oligonucleotide primers
Patent: US 563608-A 15 17-UN-1997;
Location/Qualifiers
1.17
Location/Qualifiers
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I (bases 1 to 17)
Apples...J. Bugawan, T.L. and Erlich, H.A.
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                                                                                                                                                        /organism='Artificial Sequence'
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Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 12.2; DB 1; Length 1
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:31530" 1 t
                                                                                                                             Location/Qualifiers
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Sequence 15 from patent US 5639608,
145991
145991.1 GI:2469956
                                                                            YOSHIMITSU TAKAKURA, JUN UEKI
C12N15/09//C12Q1/68,C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                               114531
20quence 8 from patent US 5451512.
114531.
114531.1 GI:997014
                                               19-AUG-1999 JP 1999232815
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/organism="unknown"
9 c 3 g
Artificial Sequence
JP 2001057886-A/25
06-MAR-2001
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AB068835 17 bp DNA linear SYN 21-MAY-2003 Synthetic construct DNA, reverse primer for human STS sts-CW-203-2 at 1p36.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E... A. BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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Brown, S. Marie., Dan, D. Allen., Fromm, M. Ernest. and
Brown, S. Marie., Dean, D. Allen., Fromm, M. Ernest. and
Synthetic DNA sequences having enhanced expression in
monocotyledonous plants and method for preparation thereof
Patent: US 56896162-A 57 18-NOV-1997;
Location/Qualifiers
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/mol_type="genomic DNA"
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Search completed: December 23, 2003, 16:33:26 Job time : 34 secs

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sgen Ltd.		<pre>// Search time 27 Seconds (without alignments) 2.042 Million cell updates/sec</pre>	.gagggcgcggggggcc 1576			. 1996				by chance to hav	the result being printed, re distribution.		Description	Sequence 6,	Sequence 289	Sequence 43,	Sequence 286	Sequence 19	4,4	Sequence 10	Sequence 12	Sequence 14	Sequence 15 Sequence 16	Sequence 17	Sequence 19	Sequence 21	Sequence 22 Sequence 23	Sequence 24 Sequence 25	Sequence 26 Sequence 27	Sequence 28, Appl Sequence 29, Appl Sequence 30, Appl
GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen	nucleic search, using sw model	December 23, 2003, 16:37:04 ; Sear (withou	us-10-001-844-3 1576 1 gcgaggcagccagcgagggaga	IDENTITY_NUC Gapop 10.0 , Gapext 0.5	998 seqs, 17490 residues	hits satisfying chosen parameters	length: 0 length: 2000000000	Maximum Match 08 Maximum Match 1008	יי דר מר זי דר מר	is the number of results predic	greater than or equal to the score of the derived by analysis of the total score	SUMMARIES	Query Match Length DB ID	30 1 US-10-001-84	27 1 US-09-992-665-28 24 1 US-08-462-386D-4	.5 24 1 US-08-954 .5 24 1 US-09-736 .5 33 1 US-10-147	24 1 US-09-992-665-28 29 1 US-09-883-848A-3	.4 29 1 US-10-164-28	3 21 1 US-10-001-844	.3 20 1 US-10-001-844	.3 20 1 US-10-001-844	3 20 1 US-10-001-844	.3 20 1 US-10-001-844 .3 20 1 US-10-001-844	.3 20 1 US-10-001-844 .3 20 1 US-10-001-844	.3 20 1 US-10-001-844 .3 20 1 US-10-001-844	.3 20 1 US-10-001-844 .3 20 1 US-10-001-844	1.3 20 1 US-10-001-844-28 1.3 20 1 US-10-001-844-29 1.3 . 20 1 US-10-001-844-30			
	nucleic - nuc	Run on:	Title: Perfect score: Sequence:	Scoring table:	earched:	otal number of	Minimum DB seg Maximum DB seg	Post-processing	Database :	ed.	score greand is des		Result No. Score															27	0 0 0 0	c 31 20 c 33 20 c 33 20 20

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RESULT 2
US-09-992-665-289/c
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Publication No. US20030105041A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
1.9%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.1;
Matches 30; Conservative 0; Mismatches 0; Indels
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US-09-918-186A-99

US-09-918-186A-99

US-09-910-087-12

US-09-910-087-12

US-09-910-087-12

US-09-910-087-12

US-09-791-190A-18

US-10-244-647-9

US-10-244-647-9

US-09-791-190A-18

US-09-791-190A-18

US-09-900-631-11

US-09-900-631-11

US-09-901-11

US-10-005-344-42

US-10-005-344-42

US-10-005-344-42

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US-09-780-533A-2337
US-08-911-824-77
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US-10-309-690-1
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US-09-888-615-131
US-10-430-196-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: PCR Probe US-10-001-844-6
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| Sequence 399, Application US/0992665 |
| Sequence 399, Application US/0992665 |
| Publication No. US/09203002200941 |
| Publication No. US/0920300241 |
| Publication No. US/0920300241 |
| Publication No. US/0920300241 |
| Publication No. US/0920404 |
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100.0%; Pred. No. 25;
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                                 1.5%; Score 24; DB 1; Length 24; ilarity 100.0%; Pred. No. 25; Conservative 0; Mismatches 0; Indels
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ZIP: 02109
ZIP: 02109
ZIP: 02109
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII (text)
APPLICATION UNDER: US/09/736,476
FILING DATE: 13-Dec-2000
CLASSIFICATION: <UNKNOWN:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 4-MAY-1995
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: US 08/176,427
FILING DATE: 10-DEC-1994
APPLICATION NUMBER: US 08/176,427
FILING DATE: 10-DEC-1994
APPLICATION NUMBER: 130-DEC-1994
APPLICATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMI-006CP4
TELECOMMUNICATION INFORMATION: CONTACTION TRANSFAIND
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; MOLECULE TYPE: cDNA
US-09-736-476-43
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ADDRESSES: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            524 ACCGAGGGCTGGGACGAAGATGGC 547
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TYPE: nucleic acid
STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 43
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Publication No. US20030054437A1

GENERAL INFORMATION:

APPLICANT: Inflam, Phillip W.

APPLICANT: Tabin, Clifford J.

TITLE OF INVENTION: Proteins and Uses Related Thereto

NUMBER OF SEQUENCES: 48

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP

STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                        Query Match
1.5%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 24; Conservative 0; Mismatches 0; Indels
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CONTEXT: USA

CONTEXT: USA

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

COMPUTER: IBM PC Compatible

COMPATING SYSTEM: PC-DOS/MS-DOS

SOGTWARE: PARIENTIN Release #1.0, Version #1.30

SOGTWARE: PARIENTIN BATA:
APPLICATION NUMBER: US/08/954,771

FILING DATE: 05-OCT-1997

PRICE APPLICATION DATA:
APPLICATION NUMBER: US 08/462,386

FILING DATE: 05-OUN-1995

PRICE APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093

FILING DATE: 14-DEC-1994

PRICE APPLICATION NUMBER: US 08/356,060

FILING DATE: 14-DEC-1994

PRICE APPLICATION NUMBER: US 08/356,060

FILING DATE: 30-DEC-1994

PRICE APPLICATION NUMBER: US 08/176,427

FILING DATE: 30-DEC-1933

ATTORNEY AGENT INFORMATION:
NAME: VIDEABLE WATHER P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ALICAMENT OF THE CONTROL OF THE CONT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 524 ACCGAGGCTGGGACGAAGATGGC 547
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TELEPHONE: (617) 227-7400

TELEPAX: (617) 227-5941

INFORMATION FOR SEO ID NO: 43:
SEQUENCE CHARACTERISTICS:
TYPE: UNCHER SEO ACID
TYPE: NUCLECIA SINGLE
STRANDEDNESS: SINGLE
TYPE: MOLECULE TYPE: CDNA
US-08-462-386D-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          nucleic acid
RDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Boston
STATE: MA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
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Gaps
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US-09-883-848A-37/C
i Sequence 37, Application US/09883848A
i Publication No. US2033022819A1
i GENERAL INFORMATION:
i APPLICANT: Ling, L.
i APPLICANT: ANGIOGENESIS-MODULATING COMPOSITIONS AND USES
i FILE OF INVENTION: ANGIOGENESIS-MODULATING COMPOSITIONS AND USES
i FILE OF INVENTION NUMBER: US/09/883,848A
i CURRENT FILING DATE: 2001-06-18
i PRIOR FILING DATE: 2000-06-16
i NUMBER OF SEQ ID NOS: 48
i SOFFWARE: Patentin Ver. 2.1
i SEQ ID NO 37
i LENGTH: 29
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US-10-164-282-19/C

Sequence 19, Application US/10164282

Sequence 19, Application US/10164282

Sequence 19, Application US/10164282

PUBLICANI NO. US20030166543A1

APPLICANT: Williams et al.

TILE OF INVENTION:

TILE OF INVENTION:

CURRENT APPLICATION NUMBER: US/10/164,282

CURRENT FILING DATE: 2002-06-05

PRIOR FILING DATE: 2001-08-07

NUMBER OF SEQ ID NOS: 19

SEQ ID NOS: 19

SEQ ID NO 19

LENGTH: 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                 Length 24;
                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide
US-09-883-848A-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             °,
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76;
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50;
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                                                                                                                                   Query Match 1.4%; Score 22; DB Best Local Similarity 100.0%; Pred. No. 50; Matches 22; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
1.4%; Score 22;
Best Local Similarity 100.0%; Pred. No.
Matches 22; Conservative 0; Mismatch
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                                                                                                                                                                                                                               151 GAIGCIGCIGCIGCGAGAIGT 172
                                                                                                                                                                                                                                                                       3 GATGCTGCTGCTGCGATGT 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
TYPE: DNA ORGANISM: Artificial Sequence
                                            FEATURE:

OTHER INFORMATION: Probe US-09-992-665-288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
CRCANISM: Homo sapiens
US-10-164-282-19
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i Sequence 288, Application US/09992665

i Sequence 288, Application US/09992665

i Publication No. US20030092009A1

i GENERAL INFORMATION:

i AFPLICANT: Kala Palm

i TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE

i TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE

i TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE

i TITLE OF INVENTION: DIAGNOSIS OF SECTION NUMBER: 00/299,665

i CURRENT FILING DATE: 2000-11-13

i PRIOR FILING DATE: 2000-11-16

i NUMBER OF SEQ ID NOS: 380

i SOFTWARE: FastSEQ for Windows Version 4.0

i TENCOR 100 288
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                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BEN PC compatible
COMPUTER: DATE:
COMPUTER: DATE:
COMPUTER: DATE:
COMPUTER: DATE:
COMPUTER: DATE:
CURRENT APPLICATION DATE:
APPLICATION DATE:
CALLING DATE: 17-May-2002
PRIOR APPLICATION DATE:
CALLING DATE: 17-May-2002
PRIOR APPLICATION NUMBER: US/09/617,545
FILING DATE: 4-Jul-2000
APPLICATION NUMBER: US/063,778
FILING DATE: 14-APR-1998
ATTORING DATE: 14-MINGER: Z5,618
REGISTRATION NUMBER: Z5,618
REFERENCE/DOCKET NUMBER: ARIYASU-1
TELEPHONE: (202) 628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                      TITLE OF INVENTION: HEDGEHOG PROTEIN
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street N.W., Ste. 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    208 CTCGGGACTGGCGTGCGGACCGGGCAGGGGTT 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 CCCGGGAATTCATTGCGGACCGGGCAGGGGTT 33
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Best Local Similarity 81.8%; Pred. No. 63;
Matches 27; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                            CITY: Washington
STATE: D.C.
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
TOPOLOGY: linear
sEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-147-463-30
                        Sequence 30, Application US/10147463
Publication No. US20030059838A1
GENERAL INFORMATION:
APPLICANT: ARIYASU, Toshio
NAKAMURA, Shuji
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPAX: (202) 737-3
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                       ZIP: 20004
       US-10-147-463-30
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Gaps

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Indels

Length 27;

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TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the I TITLE OF INVENTION: and Treatment of Kidney Diseases
FILE REFERENCE: 65988-000.1
CURRENT APPLICATION NUMBER: US/10/108,969
CURRENT FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
LENGTH: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-001-844-11/c

| US-10-001-844-11/c
| Sequence 11, Application US/10001844
| Sequence 11, Application US/10001844
| Publication No. US20030105041A1
| GENERAL INFORMATION:
| APPLICANT: C. Frank Bennett
| APPLICANT: Lex M. Cowsert
| TITLE OF INVENTION: ANTISENEE MODULATION OF SHH EXPRESSION
| FILE REFERENCE: ISPH-0617
| CURRENT APPLICATION NUMBER: US/10/001,844
| CURRENT FILING DATE: 2001-11-16
| NUMBER OF SEQ ID NOS: 49
| SOFTWARE: FRANSEQ for Windows Version 4.0
| SEQ ID NO 11
| LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTOR: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT PEPLICATION UNDBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 20
                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Indian hedgehog forward primer.
US-10-108-969-4
                                                                                                                                                                                                                                                                                                                                                                                 Score 20.6; DB 1;
Pred. No. 1e+02;
0; Mismatches 4;
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Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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ORGANISM: Artificial Sequence
FEATURE:
FORTURE:
COTER INFORMATION: Antisense Oligonucleotide
US-10-001-844-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       385 CAATTACAACCCCGACATCATATTTAA 411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 caarracaarccagacarcarcraca 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Application US/10001844 Publication No. US20030105041A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     15 GAGGGAGAGAGCGAGCGGGC 34
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 85.2%;
Matches 23; Conservative
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-0334-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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; Publication No. US20030105041A1
; GENERAL INPORMATION:
APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. COMEERT
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; UUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 21
; TWOR: NA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           / Match 1.3%; Score 21; DB 1; Length 21; Local Similarity 100.0%; Pred. No. 52; Nonservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.4%; Score 22; DB 1; Length 30; Best Local Similarity 83.3%; Pred. No. 82; Matches 25; Conservative 0; Mismatches 5; Indels
                                                                                                                        NESOLATION ON USCOLOGATION US/09828034

Sequence 7, Application US/09828034

Patent No. USZOLOG4771A1

GENERAL INFORMATION:
APPLICANT: Chong, Weidong
APPLICANT: Ferrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFRENCE: IN01165
CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06

PRIOR APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PatentIn Ver. 2.1

LENGTH: 30
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Publication No. US20030198959A1
GENERAL INFORMATION:
        22 TGCGGACCGGGCAGGGGGTTCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: PCR Primer US-10-001-844-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kurnit, David M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 12
US-10-108-969-4
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Best Local
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; Publication No. US20030105041A1
; GENERAL INFORMATION:
   APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. COWMENT
; TILLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFRENCE: ISPH-066.7
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
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US-10-001-844-15/c
; Sequence 15, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. COWSETt
; TILLS OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILLNG DATE: 2001-11-16
; NOFTHARE: PRESEQ for Windows Version 4.0
; SSC ID NO.15
; LENGTH: 20
                                                                   APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTIERNSE MODULATION OF SHH EXPRESSION
FILE REPERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT PILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SEQ ID NOS: 49
SEQ ID NO 14
LENGTH: 20
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1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 65;
:ive 0; Mismatches
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Sequence 14, Application US/10001844 Publication No. US20030105041A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
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Publication No. US20030105041A1

GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert

TILLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REPERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOUTHWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 13

LENGTH: 20
                                                                                                                                                                                                                                                                                               Sequence 12, Application US/10001844

Publication No. US20030105041A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Coweett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION UNMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12
LENGTH: 20
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                                               Query Match
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 65;
cive 0; Mismatches
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- OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-12
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US-10-001-844-13
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
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US-10-001-844-14/c
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US-10-001-844-13/c
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       US-10-001-844-11
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Publication No. US20030105041A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENT APPLICATION NUMBER: US/10/001,844
CURRENT APLICATION NUMBER: US/10/001,844

CURRENT PILING DATE: 2001-11-16

MUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 20

LENGTH: 20
                                                                                 Sequence 19, Application US/10001844
| Publication No. US20030105041A1
| GENERAL INFORMATION:
| APPLICANT: C. FIATH Bennett
| APPLICANT: Lex M. COWEST
| TILLE OF INVENTION: ANNISENSE MODULATION OF SHH EXPRESSION
| FILE REFERENCE: ISPH-0617
| CURRENT APPLICATION UNDER: US/10/001,844
| CURRENT PELING DATE: 2001-11-16
| NUMBER OF SEQ ID NOS: 49
| SEQ ID NO 19
| LENGTH: 20
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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APPLICANT: C. FRANK Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    147 GCGAGATGCTGCTGCCG 166
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US-10-001-844-21/c
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US-10-001-844-20/c
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US-10-001-844-18/C

Sequence 18, Application US/10001844

Publication No. US20030105041A1

GENERAL INPORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE SPERRENCE: ISPH-0617

CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER: FSELSEQ for Windows Version 4.0

SEQ ID NO. 18

LENGTHER: 20
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Sequence 17, Application US/10001844

Publication No. US20330105041A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
ITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0
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1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 65;
tive 0; Mismatches 0; Indels
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Pred. No. 65;
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- OTHER INFORMATION: Antisense Oligonuclectide
US-10-001-844-18
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US-10-001-844-17
                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-10-001-844-16
                                                                                                                                    1.3%; Score 20; DB ilarity 100.0%; Pred. No. 65; Conservative 0; Mismatches
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ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Matches 20; Conserva
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LENGTH: 20
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US-10-01-844-25/c
; Sequence 25, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. COMMENT
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT PILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FREESEQ for Windows Version 4.0
; SEQ ID NO 25
                                                                                                                                                            US-10-001-844-24/c

Sequence 24, Application US/10001844

Publication NO Application US/10001844

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. COWSERT
ITLE OF INVENTION: ANTISENE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARR: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 20
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            198 TGCTGGTATGCTCGGGACTG 217
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ORGANISM: Artificial Sequence
                         153 TGCTGCTGC
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Publication No. US20330105041A1

GENERAL INFORMATION

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsert

TITLE OF INVERTION ANTISENSE MODULATION OF SHH EXPRESSION

FILE REFERENCE: ISPH-0617

CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 23

LENGTH: 20
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1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches 0; Indels
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1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                         Length 20;
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: 1SPH-0617
CURRENT PEPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PASISEQ for Windows Version 4.0
LENGTH: 20
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65;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-23
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1.3%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
NUMBER OF SEQ ID NOS: 49
SOFTHARRE: FastSEQ for Windows Version 4.0
SEQ ID NO 21
LENGTH: 20
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ORGANISM: Artificial Sequence
                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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US-10-001-844-22/c
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; Sequence 30, Application US/10001844
; Publication No. US20030105041A1
; Publication No. US20030105041A1
; GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; MUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 20
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; Sequence 29, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTIENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 201-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFFWARE: FastSEQ for Windows Version 4.0
                             DB 1; Length 20; 65;
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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100.0%; Pred. No. 65;
tive 0; Mismatches
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US-10-001-844-29
                          1.3%; Score 20; DB
ilarity 100.0%; Pred. No. 65;
Conservative 0; Mismatches
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ORGANISM: Artificial Sequence
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Matches 20; Conservative
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                             Query Match
Best Local Similarity
Matches 20; Conserv
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US-10-001-844-31/C
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LENGTH: 20
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; Publication No. US20030105041A1
; GENERAL INFORMATION:
   APPLICANT: C. Frank Bennet
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 27
; LENGTH: 20
; SEQ ID NO 27
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION ANTISENSE MODULATION OF SHH EXPRESSION
FILE REPERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PRESENCE 2001-11-16
NUMBER OF SEQ ID NOS: 49
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 20
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Pred. No. 65;
Mismatches 0
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100.0%; Pred. No. 65;
iive 0; Mismatches
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-001-844-26
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1.3%; Score 20;
Best Local Similarity 100.0%; Pred. No.
Matches 20; Conservative 0; Mismatch
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Publication No. US20030105041A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Matches 20; Conservative
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Publication No. US20030105041A1

GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert

TILLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOUTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 35

LENGTH: 20
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                                                                                                        Length 20;
                                                                                                                                                   Indels
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100.0%; Pred. No. 65;
tive 0; Mismatches
                                                                                                        Query Match 1.3%; Score 20; DB 1; Best Local Similarity 100.0%; Pred. No. 65; Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-35
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                                        ), OTHER INFORMATION: Antisense Oligonucleotide US-10-001-844-33
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                                                                                                                                                                                                790 GCTGGTGAAGGACCTGAGCC 809
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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Best Local Similarity 100.0°
Matches 20; Conservative
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US-10-001-844-35/c
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Sequence 33, Application US/10001844

Publication Wo. US20030105041A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
TILLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 33

ILENGTH: 20

TYPE: DNA
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REPERENCE: ISPH-0617
CURRENT APPLICATION: WIMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 32
LENGTH: 20
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                GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Loc M. COMSERT
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT PILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FASTESEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 20
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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Pred. No. 65;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-31
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US-10-001-844-32
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1.3%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030105041A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: C. Frank Bennett
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US-10-001-844-32/c
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FEATURE:

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i Sequence 40, Application US/10001844

j Publication No. US20030105041A1

i GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsert

IITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION

FILE REPERENCE: ISPH -0617

CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 40

LENGTH: 20
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Publication No. US20030105041A1

GENERAL INPORMATION:

APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION

FILE REPERENCE: ISPH-041

CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

LENDER: 20
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llarity 100.0%; Pred. No. 65;
Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                              Length 20;
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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CTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-001-844-39
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US-10-001-844-40
SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Artificial Sequence
                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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Matches 20; Conserva
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US-10-001-844-39/c
                    SEQ ID NO 38
LENGTH: 20
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1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches 0; Indels
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Publication No. US20030105041A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REPERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 31, Application US/10001844
Publication No. US20030105041A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTIERNSE MODULATION OF SHH EXPRESSION
FILE REPERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
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65;
                                                                                                                                                           APPLICANT: Lex M. COMBETT
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
TITLE SPERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SEQ ID NOS: 49
SEQ ID NO 36
LENGTH: 20
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ORGANISM: Artificial Sequence
FEATURE:
FUREX INFORMATION: Antisense Oligonucleotide
US-10-001-844-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-10-001-844-36
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1.3%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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                                                               Sequence 36, Application US/10001844 Publication No. US20030105041A1 GENERAL INFORMATION: APPLICANT: C. Frank Bennett
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ORGANISM: Artificial Sequence
FEATURE:
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US-10-001-844-38/c
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                                                US-10-001-844-36/c
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LENGTH: 20
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Publication No. US20030105041A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TILLE OF INVENTION: ANYISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION 1001818.
CURRENT APPLICATION 1001818.
SOUTHWARE: PASSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 20
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Publication No. US20030105041A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Coweert

TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION

FILE REFERENCE: ISPH-06617

CURRENT APPLICATION UNDER: US/10/001,844

CURRENT PILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                  Length 20;
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Fred. No. 65;
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FRATURE: TYPE INFORMATION: Antisense Oligonucleotide US-10-001-844-44
                                                                                                                                                                                                                     FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-43
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 20
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US-10-001-844-45/c
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US-10-001-844-42/c

| Sequence 42, Application US/10001844
| Publication No. US20030105041A1
| GENERAL INFORMATION:
| APPLICANT: Lex M. COWSERT
| TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
| FILE REPRENDED: ISPH-0617
| CURRENT APPLICATION NUMBER: US/10/001,844
| CURRENT FILING DATE: 2001-11-16
| NUMBER OF SEC ID NOS: 49
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.3%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 65; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                               APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REPRENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 41
LENGTH: 20
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
, OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-10-001-844-41
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                      1141 CGCTGTGCACAGCGTGACCC 1160
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                                                                                                                                      RESULT 44
US-10-001-844-41/c
Sequence 41, Application US/10001844
Publication No. US20030105041A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-001-844-43/c
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Matches 20;
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Sequence 5, Application US/09825155
Publication No. US2030100032A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: WETHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA
FILE REFERENCE: 1049-1-008N
CURRENT APPLICATION NUMBER: US/09/825,155
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 09/102,491
PRIOR FILING DATE: 1999-06-22
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Publication No. US20030105041A1

GENERAL INFORMATION:
APPLICANT: Lex M. Cowest

TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFREENT SPLICATION NUMBER: US/10/001,844

CURRENT APPLICATION NUMBER: US/10/001,844

CURRENT FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
              APPLICANT: C. Frank Bennett
APPLICANT: C. COMBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REPERSURE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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100.0%; Pred. No. 65;
tive 0; Mismatches
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65;
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                                                                                                                                                                                                                                                                                                                        ) OTHER INFORMATION: Antisense Oligonucleotide US-10-001-844-48
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
1.3%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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Publication No. US20030105041A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REPERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. FRINK Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: 1SPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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1.3%; Score 20; DB 1;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
FEATURE:
CTHEN INFORMATION: Antisense Oligonucleotide
US-10-001-844-46
Query Match 1.3%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 65; Matches 20; Conservative 0; Mismatches
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                                                                                             1350 ACAGCGCCGCCGCGACCGC 1369
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US-10-001-844-47/c
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LENGTH: 20
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PRIOR APPLICATION NUMBER: 60/050,286 PRIOR FILING DATE: 1997-06-20 NUMBER OF SEQ ID NOS: 9 SOFTWARE: PATENTIN VEY. 2.0

; Sequence 48, Application US/10001844 ; Publication No. US20030105041A1

RESULT 51 US-10-001-844-48/c

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08-09-825-155-6/c

Sequence 6, Application US/09825155

Publication No. US20030100032A1

GENERAL INFORMATION:

APPLICANT: Altaba, Ariel Ruizi

TITLE OF INVENTION: WETHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT

TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA

FILE REFERENCE: 1049-1-008N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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  Indels
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COUNTRY: United States of America
ZIP: ZONDER: D.C.
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                        ORITA, Kunzo

ORITA, Kunzo

TITLE OF INVENTYON: HEDGEHOG PROTEIN

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEB: BROWNY AND NEIMARK

STREET: 419 Seventh Street N.W., Ste. 300

CITY: Washington
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Pred. No. 1.1e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Browdy, Roger L.
REGIGTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: ARIYASU=1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/617,545
FILING DATE: 14-Jul-2000
APPLICATION NUMBER: 09/063,778
FILING DATE: <UNANOWN-
APPLICATION NUMBER: JP 98-
FILING DATE: 14-APR-1998
ATTORNEY/AGENT INFORMATION:
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
REPLICATION NUMBER: US/10/147,463
FILING DATE: 17-May-2002
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear sequence DESCRIPTION: SEQ ID NO: 21: US-10-147-463-21
                                              886 CGACGCCCAAGAAGGTCTTCTAC 910
                                                                                                                                                                                             Sequence 21, Application US/10147463 Publication No. US20030059838A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          656 GGCTTCGACTGGGTGTACTA 675
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NAKAMURA, Shuji
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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SEQUENCE CHARACTERISTICS
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Best Local Similarity 95.0
Matches 19; Conservative
  21; Conservative
                                                                                                                                                                            US-10-147-463-21
    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Alteaba, Ariel Ruizi
APPLICANT: Alteaba, Ariel Ruizi
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA
FILE REFERENCE: 1049-1-008N
CURRENT FILING DATE: 2001-04-03
FRIOR APPLICATION NUMBER: 09/102,491
PRIOR FILING DATE: 1998-06-22
PRIOR FILING DATE: 1998-06-20
PRIOR FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 9-05-20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 19
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; Publication No. US2003104410A1
; GENERAL INFORMATION:
APPLICANT: Mittnan, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR PELING DATE: 2003-01-08
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
                                                                                        ; FEATURE:
. OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-825-155-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-825-155-9
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Pred. No. 82;
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                                                                                                                                                                          DB 1;
82;
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1.2%; Score 19; DB
Best Local Similarity 100.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches
                                                                                                                                                                          Query Match 1.2%; Score 19; DB Best Local Similarity 100.0%; Pred. No. 82; Matches 19; Conservative 0; Mismatches
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Sequence 9, Application US/09825155
Publication No. US20030100032A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       167 AGATGTCTGCTGCTAGTCC 185
                                                                                                                                                                                                                                                                   343 GAAGATCTCCAGAAACTCC 361
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ORGANISM: Artificial Sequence
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  SEQ ID NO 5
LEMOTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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; ORGANISM: Homo sapien
US-10-098-263B-66408
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Best Local Similarity
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; Dublication No. US20030104410A1
; GENERAL INFORMATION:
APPLICANT; Mitthen Michael
; TILE DF INVENTION: Human Microarray
TILE OF INVENTION: Human Microarray
; FILE REPERENCE: 318.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR PILING DATE: 2001-01-06
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
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                                                                                                                                                                                                                                                                                                Length 25;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                             1.1%; Score 17.6; DB 1;
83.3%; Pred. No. 2.4e+02;
tive 0; Mismatches 4;
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CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/788,038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 31, Application US/09788038
Patent No. US20020072055A1
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and F.
  PRIOR APPLICATION NUMBER: 60/249,508
PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 380
SSCTWARE: FastSEQ for Windows Version 4.0
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                 195 CGCTGCTGGTATGCTCGGGACTGG 218
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STATE: Massachusetts
                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.33
Matches 20, Conservative
                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 83.3
Matches 20; Conservative
                                                                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: Probe
US-09-992-665-157
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
CRGANISM: Homo sapien
US-10-098-263B-48877
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US-09-788-038-31/c
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Sequence 7, Application US/10150429B
Publication No. US20030175383AI
GENERAL INFORMATION:
APPLICANT: Bojsen, Kirsten
APPLICANT: Bosen, Charlotte Horsmans
APPLICANT: Soe, Jorn Borch
TITLE OF INTENTION: METHOD OF IMPROVING DOUGH AND BREAD QUALITY
FILE REFERENCE: YOUZO078
CURRENT APPLICATION NUMBER: US/10/150,429B
CURRENT APPLICATION NUMBER: US 60/347,007
FRIOR APPLICATION NUMBER: US 60/347,007
FRIOR APPLICATION NUMBER: GB 0112226.6
FRIOR FILING DATE: 2002-01-09
FRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 12
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Publication No. US20030092009A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE
FILE REPERENCE: CEMINES.0025
CURRENT APPLICATION NUMBER: US/09/992,665
CURRENT FILING DATE: 2001-11-13
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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-825-155-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 1.1%; Score 17.8; DB 1; Length 21; Best Local Similarity 90.5%; Pred. No. 1.5e+02; Matches 19; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                              Query Match
1.1%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
CURRENT APPLICATION NUMBER: US/09/825,155
CURRENT FILING DATE: 2001-04-03
FRIOR APPLICATION NUMBER: 09/102,491
PRIOR PILING DATE: 1998-06-22
PRIOR PILING DATE: 1998-06-20
FRIOR PILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN Ver. 2.0
SOFTWARE: PATENTIN Ver. 2.0
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) NAME/KEY: primer_bind
; LOCATION: (1)..(21)
; OTHER INFORMATION: lipase primer JOM3
US-10-150-429B-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1020 GCTCGGGGCCGCCTTCCGGGG 1040
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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US-09-992-665-157
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US-10-150-429B-7
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                                                                                                                     Length 24;
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Publication No. US20030175780A1
GENERAL INFORMATION:
APPLICANT: Jones,
TITLE OF INVENTION: An Iterative and Regenerative DNA
TITLE OF INVENTION: An Iterative and Regenerative DNA
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
                                                                                                                                                                                      4; Indels
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bonini, James A
APPLICANT: Borowsky, Beth E
APPLICANT: Borowsky, Beth E
APPLICANT: Adham, Nika
APPLICANT: Adham, No. US20030139590A11
APPLICANT: Boyle, No. US20030139590A11
APPLICANT: Thompson, Thelma O.
TITLE OF INVENTION: DNA Encoding SNORF25 Receptor
FILE REFERENCE: 1795/56095-B/JPW/ADM
CURRENT FILING DATE: 2000-08-17
PRIOR APPLICATION NUMBER: US 09/387,699
PRIOR PILING DATE: 2000-02-2
PRIOR PILING DATE: 1999-08-13
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 24
LENGTH: 24
                                                                                                                 Query Match
1.1%; Score 17.2; DB 1;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4;
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-837-621-31
                                                                                                                                                                                                                                                     1305 GGCTCCTGGCTGCACTGGCGCCC 1327
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 12, Application US/10278437
Publication No. US20030139590A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CTHER INFORMATION: Primer/ Probe US-10-278-437-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA
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US-10-372-696-31/c
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US-10-278-437-12
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US-09-837-621-31/C
US-09-837-621 Application US/09837621
; Sequence 31, Application US/09837621
; Publication No. US20030044784A1
; GENERAL INFORMATION:
; TAPLICANT: Jones, Douglas H.
; TILLE OF INVENTION: An Iterative and Regenerative DNA Sequencing
method
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STATE: Massachusetts
COUNTRY: USA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: F10py disk
COMPUTER: IDA
COMPUTER: DA

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82.6%; Pred. No. 2.5e+02;
tive 0; Mismatches 4;
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APPLICATION UNDERS: 09/035,183
PILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: HARLEY, Blizabeth A.
REGISTRATION NUMBER: 33,505
TELECOMNUMICATION INFORMATION:
TELEPHONE: (617)742-4214
       FILING DATE: 16-Feb-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION: «Unknown»
APPLICATION NUMBER: 09/226,683
FILING DATE: «Unknown»
ATTORNEY, AGENT INFORMATION:
NAME: Hanley, Blizabeth A.
REFIERNCE/DOCKET NUMBER: 33:505
REFIERNCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEPHONE: (617) 227-7401
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-788-038-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1305 CGCTCCTGGCTGCACTGGCGCCC 1327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
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Best Local Similarity 82.69
Marches 19; Conservative
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Publication No. US20030092009A1
GENERAL INFORMATION:
APPLICANT: Kaia Palm
TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE
FILE REFERENCE: CEMINES.002A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ô
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Pred. No. 2.4e+02;
0; Mismatches 2; Indel8
                                       Sequence 5, Application US/10001844
Publication No. US2030105041A1
GENERAL INFORMATION
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TILLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT PILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 49
SOUTHARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 1.1%; Score 17; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 1.3e+02; Matches 17; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: RACIE, LISA
APPLICANT: BARGIE, LISA
APPLICANT: DIBLASIO, BILZABETH
APPLICANT: ARACIE, LISA
TITLE OF INVENTION: AGGRECANSE MOLECULES
FILE REPRENCE: 09702.0092-00000
CURRENT PILION DATE: 2002-07-05
CURRENT PILION DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 60/349,133
PRIOR APPLICATION NUMBER: 60/349,133
PRIOR FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: 60/303,051
PRIOR FILING DATE: 2001-06-05
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PARCHING DATE: 2010-06-05
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PARCHING DATE: 2010-06-05
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PARCHING DATE: 2010-06-05
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PARCHING VET: 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: PCR Primer US-10-001-844-5
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Best Local Similarity 90.0
Matches 18; Conservative
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US-10-188-869-21
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US-09-992-665-284/c
                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 5
LENGTH: 17
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1.1%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 24;
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Publication No. US20030125539A1
GENERAL INFORMATION:
APPLICANT: Bonini, James A
APPLICANT: Bonini, James A
APPLICANT: Adham, Nika
APPLICANT: Adham, Nika
APPLICANT: Thompson, Thelma O.
TITLE OF INVENTION: DNA Encoding SNORF25 Receptor
FILE REFERENCE: 1795/56095-B/JFW/ADM
CURRENT APPLICATION NUMBER: US/10/278,455
CURRENT APPLICATION NUMBER: US/09/641,259B
PRIOR APPLICATION NUMBER: US/09/641,259B
PRIOR APPLICATION NUMBER: US/09/641,259B
PRIOR PILING DATE: 2002-03-12
PRIOR FILING DATE: 2002-02-22
PRIOR FILING DATE: 1999-08-13
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.1
SOO ID NO INSECTION NUMBER: US 09/255,376
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
1.1%; Score 17.2; DB 1;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4;
                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/742,755A
FILING DATE: 01.NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REGISTRATION NUMBER: 33,505
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
APPLICATION NUMBER: US/10/372,696
FILING DATE: 24-Feb-2003
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear; SINGLE
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-10-372-696-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1305 CGCTCCTGGCTGCACTGGCGCCC 1327
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                                                                                                                                                                                                                                                                                                                TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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Patent No. US2002009523A1

GENERAL INFORMATION:

APPLICANT: Vaughan: Tristan John

APPLICANT: Wilton, Alison Jane

APPLICANT: Mitch, Sephen

TITLE OF INVENTION: Human antibodies against ectaxin and their use

FILE REPERENCE: 84632-000100

CURRENT APPLICATION NUMBER: US/09/798,058

CURRENT FILING DATE: 2001-08-29

PRIOR PRILING DATE: 2000-03-03

NUMBER OF SEQ ID NOS: 20

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO!: 21
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US-09-828-034-10
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CRGANISM: Artificial Sequence
PEATURE:
CONTROLEM:
CONTROLEMINO: Description of Artificial Sequence: Primer
US-09-798-058-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
1.0%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
                                                                                                                                                Score 16.4; DB 1; Length 20;
Pred. No. 2.2e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10, Application US/09828034
Sequence 10, Application US/09828034
Sequence 10, Application US/09828034
Sequence 10, Application US/09828034
Septicant INFORMATION:
APPLICANT: Fong, Meidong
APPLICANT: Fong, Zhi
APPLICANT: Ferrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
CURRENT APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 10
IENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              763 GGTGCACCTGGAGCAGGG 780
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                  Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative
                                                                                                                                                                                                                                                1249 CATCGAGGAGCACAGCTG
                                                  TYPE: DNA
CRGANISM: primer
US-10-100-608B-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-828-034-10/c
                                                                                                                                                                                                                                                                                                                                                                                RESULT 71
US-09-798-058-13
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1.0%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                     1.1%; Score 16.8; DB 1; Length 24; 90.0%; Pred. No. 2.8e+02; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: Oligonuclectide primer for PCR
US-09-797-662-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-100-608B-12/c
Sequence 12, Application US/10100608B
Sequence 12, Application US/10100608B
PUDIcation No. US20030104412A1
GENERAL INFORMATION:
APPLICANT: Hetskala, Maria
FILE OF INVENTION: REG-LIKE PROTEIN
FILE REFERENCE: CDS-261
CURRENT APPLICATION WUMBER: US/10/100,608B
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: 60/276,414
PRIOR APPLICATION NUMBER: 60/276,414
PRIOR APPLICATION NUMBER: 60/276,414
FRIOR PRIUNG DATE: 2002-03-16
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PATENTING DATE: 2002-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: DENNINGS, MICHAEL PAUL
APPLICANT: JENNINGS, MICHAEL PAUL
APPLICANT: MOXON, EN RICHARD
TITLE OF INVENTION: NOVEL SURFACE ANTIGEN
FILE REFERENCE: 065064/0134
CURRENT APPLICATION WUMBER: US/09/797,862
CURRENT APPLICATION NUMBER: PCT/AU98/01031
PRIOR APPLICATION NUMBER: PCT/AU98/01031
PRIOR FILING DATE: 1998-12-14
PRIOR FILING DATE: 1998-12-12
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PATENTIN VET. 2.1
SOFTWARE: PATENTIN VET. 2.1
CURRENT APPLICATION NUMBER: US/09/992,665
CURRENT FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: 60/249,508
PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 380
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 284
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1303 CGCGCTCCTGGCTGCACTGG 1322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 23, Application US/09797862 Patent No. US20020102276A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    329 GGAAGGTATGAAGGGAAG 346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 cececreciencies a
                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                             CTHER INFORMATION: Probe US-09-992-665-284
                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 18; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 69
US-09-797-862-23/c
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RESULT 70

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ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COMPUTE: 102109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: F10PDV disk
COMPUTER: BM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATEMENT Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/788,038
FILING DATE: 16-Feb-2001
CLASSIFICATION NUMBER: 09/226,683
APPLICATION NUMBER: 09/226,683
FILING DATE: Halbey, Blizabeth A.
REGISTRATION NUMBER: 33,505
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSE: LAHIVE & COCKFIELD
STREET: 28 State Street
CITY: Boston
STATE: Was acachusetts
COUNTY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAtible
OOFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/837,621
FILING DATE: 17-Apr-2001
CLASSIFICATION: CURNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
1.0%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA SEQUENCE DESCRIPTION: SEQ ID NO: 35: US-09-788-038-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 09/035,183
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1307 CTCCTGGCTGCACTGGCGCCC 1327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                            Sequence 32, Application US/09788038
; Patent No. US2020072055A1
; GENERAL INFORMATION:
; TITLE OF INVENTION: An Iterative and Regenerative DNA
Sequencing Method
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; CORRESPONDENCE ADDRESS:
; STREET: 28 State Street
; CITY: BASSACH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTY MASSACHIBETUS
COUNTER READABLE FORM:
MEDIUM TYPE: PLOSPY disk
COMPUTER: IBM PC COMPATIBLE
CONFUNTER: IBM PC COMPATIBLE
CONFUNTER: PATORIE PC-DOS/MS-DOS
SOFTWARE: PATORIE PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/788,038
FILING DATE: LE-FEb-2001
CLASSIFICATION: CURNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/226,683
FILING DATE: <UNKNOWN>
ATIONEY/AGENT INFORMATION:
NAME: Hanley, Blizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: 33,505
TELEPHONE: (G17)227-400
MENDRAMATICATION INFORMATION:
TELEPAK: (G17)227-4204
                                                  1.0%; Score 16.2; DB 1; Length 21; 85.7%; Pred. No. 2.6e+02; tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 22
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TITLE OF INVENTION: An Iterative and Regenerative DNA
Sequencing Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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1.0%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-788-038-32
                                                                                                                                                                                    1364 GACCGCGGGGGGGGGGGG 1384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1307 CTCCTGGCTGCACTGGCGCCC 1327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 crecrecreaterecent
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                                                                                                                      18; Conservative
                                                                                    Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 74
US-09-788-038-35/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                               SIGNEY MASACANGSELES
COUNTER READABLE FORM:
MUDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAtible
COMPUTER: TEAP PC COMPATIBLE
COMPUTER: TEAP PC COMPATIBLE
COMPUTER: TEAP PC COMPATIBLE
COMPUTER: TEAP PC COMPATIBLE
COMPUTER: PATENTIN RELEASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742,755A
FILING DATE: 01-NOV-1996
ATTORIEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REPERENCE/DACKET NUMBER: 33,505
REPERENCE/DACKET NUMBER: US/08/
TELEPHONE: G1732-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 78
US-10-372-696-35/c
; Sequence 35, Application US/10372696
; Publication No. US20030175780A1
; GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
TITLE OF Sequencing Method
                                                                                                                                                                            Sequence 32, Application US/10372696
Publication No. US20030175780A1
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
Sequencing Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1307 CICCIGCIGCACIGGCGCCC 1327
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INFORMATION FOR SEQ ID NO: 32:
                                                                    22 crecrescresarcrescer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston
STATE: Massachusetts
                          1307 CICCIGGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-372-696-32
                                                                                                                                     RESULT 77
US-10-372-696-32
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Publication No. US20030044784A1
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: Method
Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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COUNTY: WAS COUNTY: USA

COMPUTER READBABLE FORM:

MEDIUN TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWATE: PACHOLIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/837,621

FLING DATE: 17-Apr-2001

CLASSIFICATION NUMBER: 09/035,183

APPLICATION NUMBER: 09/035,183

ATTONNY APPLICATION NUMBER: 09/035,183

ATTONNY APPLICATION NUMBER: 33,505

REGISTRATION NUMBER: 33,505

REFERENCE/DOCKET NUMBER: UIZ-022CP

TELEPHONE: (617) 742-4214

INFORMATION FOR REQ ID NO: 35:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
1.0%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                   Length 22;
                                                                                                                                                                                                                                                                                                                                                                 Score 16.2; DB 1; Length 2 Pred. No. 2.9e+02; 0; Mismatches 3; Indels
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)722-7400
TELEPHONE: (617)722-4214
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-09-837-621-35
                                                                                                                                                                                                                                ; TOPOLOGY: linear; MOLECULE TYPE: DNA SEQUENCE DESCRIPTION: SEQ ID NO: 32: US-09-837-621-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 41 CORRESPONDENCE ADDRESS: AAHIVE & COCKFIELD STREET: 28 State Street CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                           1307 CTCCTGGCTGCACTGGCGCCC 1327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 CTCCTCGCTGGACTGGCGCAC 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                 Query Match 1.0%;
Best Local Similarity 85.7%;
Matches 18; Conservative
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US-09-837-621-35/c
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Gaps

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Gaps
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| CURRENT APPLICATION NUMBER: US/09/776,479
| PRIOR APPLICATION NUMBER: US/09/776,479
| PRIOR APPLICATION NUMBER: US/09/776,479
| RIGHT APPLICATION NUMBER: US/09/776,479
| RIGHT APPLICATION NUMBER: US/09/776,479
| FRIOR FILING DATE: 2000-02-03
| SOFTWARE: FastSEQ for Windows Version 3.0
                Sequence 410, Application US/0988326
| Publication No. US20030026801A1
| GENERAL INFORMATION:
| APPLICANT: Weiner. George
| APPLICANT: Weiner. George
| TILLE OF INVENTION: George TILLE OF INVENTION UNMER: US/09/088,326
| CURRENT FILING DATE: 2001-06-22
| NUMBER OF SEQ ID NOS: 049
| SOFTMARE: FREUSEC FOR Windows Version 3.0
| LENGTH 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 1.0%; Score 15.8; DB 1; Length 20; Best Local Similarity 89.5%; Pred. No. 2.7e+02; Matches 17; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic oligonuclectide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
1 OTHER INFORMATION: phosphodiester backbone
US-09-888-326-410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTHER INFORMATION: Synthetic Sequence US-09-776-479-243
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US-08-915-814-105
Sequence 105, Application US/09915814
; Publication No. US20030096771A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 243, Application US/09776479 Publication No. US20030087848A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 89.5
Matches 17; Conservative
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Sequence 46, Application US/09791406

Sequence 46, Application US/09791406

Sequence 46, Application

APPLICANT: C. Frank Bennett

APPLICANT: Takashi Kei Kishimoto

APPLICANT: Takashi Kei Kishimoto

APPLICANT: Lex M. Cowsert

TILE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION

FILE REPRENCE: RTS-0097

CURRENT APPLICATION NUMBER: US/09/791,406

CURRENT FILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 46

LENGTH: 20
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                                             COUNTER: DEADABLE FORM:

MEDIUM TYPE: FLORM:

MEDIUM TYPE: FLORM:

MEDIUM TYPE: FLORM:

COMPUTER: IEM PC Compatible

COMPUTER: IEM PC Compatible

COMPUTER: IEM PC Compatible

COMPUTER: DEADELIN Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/372,696

FILING DATE: 24-Feb-2003

PRICE APPLICATION NUMBER: US/08/742,755A

PRICE APPLICATION NUMBER: US/08/742,755A

PILING DATE: OL-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Hanley, Elizabeth A.

REGISTRATION NUMBER: 33,505

REFERENCE/DOCKET NUMBER: UIZ-022

TELECOMUNICATION INFORMATION:

TELECOMUNICATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:

LINFORMATION FOR SEQ ID NO: 35:

BEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 22;
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Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-10-372-696-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1307 CTCCTGGCTGCACTGGCGCCC 1327
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STATE: Massachusetts
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ORGANISM: Artificial Sequence
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Best Local Similarity 89.5
Matches 17; Conservative
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FEATURE:

RESULT 80

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Sequence 22, Application US/09984183

Ratent No. US20020142983A1
GRNERAL INFORMATION:
APPLICANT: AGRAMAL, BABITA
APPLICANT: LONGENECKER, MICHAEL B.
TITLE OF INVENTION: MUC-1 ANTAGONISTS AND METHODS OF TREATING IMMUNE
TITLE OF INVENTION: DISORDERS
TITLE OF INVENTION: DISORDERS
TITLE OF INVENTION: UNMARR: US/09/984,183
CURRENT APPLICATION NUMBER: US/09/984,183
TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 243, Application US/10017995

Publication No. US20030055014A1

GENERAL INFORMATION:

APPLICANT: Brataler, Robert L.

TILLE OF INVENTION: Inhibition of Anglogenesis by Nucleic Acids

FILE REFERENCE: clos/77025 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/61/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR PILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 1093

SOFTHARE: FastsEQ for Windows Version 3.0

SEQ ID NO 243

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                        Length 20;
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1.0%; Score 15.8; DB 1;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2;
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1.0%; Score 15.8; DB 1;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
JOTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-235
TITLE OF INVENTION: TREATMENT OF NON-ALLERG FILE REFERENCE: COLOS9/7006(AWS); CURRENT APPLICATION NUMBER: US/10/112,653; CURRENT FILING DATE: 2002-03-29/10/112,653; PRIOR APPLICATION NUMBER: US 60/279,642; PRIOR FILING DATE: 2001-03-29; NUMBER OF SEQ ID NOS: 1040; SOFTWARE: PRESEQ for Windows Version 3.0; SOFTWARE: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
, OTHER INFORMATION: Synthetic Sequence
US-10-017-995-243
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PRIOR APPLICATION NUMBER: 09/457,354
PRIOR FILING DATE: 2001-10-29
PRIOR APPLICATION NUMBER: 60/111,973
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 30
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US-09-984-183-22
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                            APPLICANT: Madeline M. Butler
APPLICANT: Andrew T. Watt
APPLICANT: Andrew T. Watt
APPLICANT: Andrew T. Watt
APPLICANT: Jacqueline Wyatt
TILE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
FILE REFERENCE: ISPH-0597
CURRENT APPLICATION NUMBER: US/09/915,814
CURRENT FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 230
LENGTH: 20
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Publication No. US20030176374A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Bennett, Clarence Frank

APPLICANT: Rarras, Timothy A.

TITLE OF INVENTION: Oldgoucdectide Compositions and Methods for the

TITLE OF INVENTION: Oldgoucdectide Compositions and Methods for the

TITLE OF INVENTION: Oldgoucdectide Compositions and Methods for the

TITLE OF INVENTION: Oldgoucdectide Compositions of B7 Protein

FILE REFERENCE: ISPH-0543

CURRENT FILING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: OS/126,186

PRIOR APPLICATION NUMBER: 08/777,266

PRIOR PLING DATE: 1996-12-31

NUMBER OF SEQ ID NOS: 284

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 26
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1.0%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels
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APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 15.8; DB 1;
Pred. No. 2.7e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
, OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-105
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Publication No. US20030050268A1
GENERAL INFORMATION:
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Best Local Similarity 89.5%;
Matches 17; Conservative
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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COTHER INFORMATION: Synthetic
US-09-851-871-26
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US-10-112-653-235
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APPLICANT: Hidelcashi, Inoko
APPLICANT: Hidelcashi, Inoko
APPLICANT: Hidelcashi, Inoko
APPLICANT: Gen, Tamiya
APPLICANT: Gen, Tamiya
APPLICANT: Yasunari, Matsuzaka
APPLICANT: Vasunari, Matsuzaka
APPLICANT: Vasunari, Matsuzaka
APPLICANT: Vovere POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS
FILE REPERBNCE: 06501-069001
CURRENT APPLICATION NUMBER: US/10/314,405
CURRENT APPLICATION NUMBER: US/09/713,616
PRIOR APPLICATION NUMBER: US/09/713,616
PRIOR FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin version 3.0
SEQ ID NO 45
LENGTH: 18
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| Publication No. US20030198965A1
| Publication No. US20030198965A1
| Publication No. US20030198965A1
| TITE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID TITLE OF INVENTION: 11-BETA DEHYDROGENASE 1 EXPRESSION FILE REFERENCE: RTS-0428
| CURRENT PILING DATE: 2002-04-19
| NUMBER OF SEQ ID NOS: 122
| SOFTWARE: FastSEQ for Windows Version 4.0
| LENGTH: 20
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1.0%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.0%; Score 15.4; DB 1; Length 18; 94.1%; Pred. No. 2.4e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                       Length 18;
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                                                                                                                                                    Query Match
1.0%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 1;
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US-10-126-355-60
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                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-314-405-45
; Sequence 45, Application US/10314405
; Publication No. US20030108940A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                 1368 GCGGGGGGGGGGGGG 1384
                                               FEATURE:
; OTHER INFORMATION: (GCG)6 probe
US-09-500-700-68
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ORGANISM: Artificial Sequence
                            ORGANISM: Artificial Sequence
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Best Local Similarity 94.1
Matches 16; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 90
US-10-126-355-60
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Publication No. US20030073207A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: BAZYMATIC Nacleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
CURRENT APPLICATION NUMBER: US/09/848,754A
NUMBER OF SCO ID NOS: 9645
SOFTWARE: Patentin version 3.0
SEQ ID NO 870
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 68, Application US/09500700

Sequence 68, Application US/09500700

Publication No. US200300597671

GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
APPLICANT: GOTTESFELD, Joel N.
APPLICANT: GOTTESFELD, Joel N.
APPLICANT: WRIGHT, Peter B.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
FILE REFERENCE: SCRIP160-4
CURRENT FILING DATE: 1091-00-11-10
PRIOR PLING DATE: 1996-01-18
PRIOR FILING DATE: 1996-02-27
PRIOR FILING DATE: 1996-01-18
PRIOR FILING DATE: 1994-09-28
PRIOR FILING DATE: 1994-09-28
PRIOR FILING DATE: 1994-09-28
PRIOR FILING DATE: 1994-01-18
SOFTWARE: PARENTION NUMBER: US 08/183,119
PRIOR FILING DATE: 1994-01-18
SOFTWARE: PARENTION VUMBER: US 08/183,119
PRIOR FILING DATE: 1994-01-18
SOFTWARE: PARENTION VUMBER: US 08/183,119
PRIOR FILING DATE: 1994-01-18
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PARENTIN VERSION 3.1
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                                                                                                                           FEATURE:
; CTHER INFORMATION: Description of Artificial Sequence: Primer US-09-984-183-22
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1.0%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
CRGANISM: Homo sapiens
US-09-848-754A-870
SOFTWARE: Patentin Ver.
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US-09-500-700-68
                         SEQ ID NO 22
LENGTH: 21
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APPLICANT: ROSENDE M. Crooke
APPLICANT: ROSENDE M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
FILE REFERENCE: ISPH-08-01
CURRENT APPLICATION NUMBER: US/09/920,033
CURRENT FILING DATE: 2001-08-01
SEQ ID NO 2:
LENGTH: 20
                                                             APPLICANT: Effertor:
APPLICANT: Hauge, Brian M.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: SOPDean SSRs and Methods of Genotyping
FILE REPERBNES: 38-10(52679)A
CURRENT PILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR PILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR PILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR PILING DATE: 2001-01-13
PRIOR PILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3868
LINGTH: 19
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Pred. No. 3.3e+02;
0; Mismatches 2;
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Application US/09969373
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Publication No. US20030228597A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 22, Application US/09920033 Publication No. US20030087853A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             151 GATGCTGCTGCTGCGAG 168
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. $6.88
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 88.9
Matches 16; Conservative
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Matches 16; Conservative
                             0133852A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
CORGANISM: Glycine max
US-09-969-373-3868
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US-09-920-033-22/c
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                                                                                                                                                                                           APPLICANT: WRIGHT, Jim A.
APPLICANT: WRIGHT, Jim A.
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
APPLICANT: YOUNG, Aiping H.
APPLICANT: LEE, YOON S.
TITLE OF INVENTION: OLIGONUCLECTIDE
TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
TITLE OF INVENTION: GROWNH
TITLE OF INVENTION: GROWNH
TITLE OF INVENTION: GROWNH
TILE OF INVENTION: GROWNH
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/082,791
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-23
SEQ ID NOS: 37
SED ID NO
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FILE REFERENCE: 6013/26662 - 73076(C)

CURRENT APPLICATION NOTHER: 12076(C)

CURRENT FILING DATE: 2002-04-16

PRIOR FILING DATE: 2002-04-16

PRIOR FILING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 39

SOFTWARE: MS WORT

LENGTH: 20
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** OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-10-122-434-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 1.0%; Score 15.2; DB 1; Length 20; Best Local Similarity 85.0%; Pred. No. 3.2e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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1.0%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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                                                                                                                     Sequence 8, Application US/10125181 Publication No. US20020187954A1 GENERAL INFORMATION:
     1 ATCAAACAGGGACCTGGCTC 20
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ORGANISM: Human
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Wyatt, Jacqueline R

Brooks, Douglas G Ohashi, Cara

Freier, Susan M

769 CCTGGAGCAGGCGGCACCA 788

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RESULT 93 US-09-969-373-3868

Henri

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APPLICANT: Fournel, Marielle
APPLICANT: Lavoie, Rico
TITLE OF INVENTION: Methods for Specifically Inhibiting Histone Deacetylase-4
FILE REFERNCE: Methods for Specifically Inhibiting Histone Deacetylase-4
FILE REFERNCE: Methods for Specifically Inhibiting Histone Deacetylase-4
FILE REFERNCE: Description NUMBER: US/10/051,819B
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US 60/261,674
PRIOR APPLICATION NUMBER: US 60/261,674
PRIOR PRIOR DATE: 2001-01-12
SOFTWARE: FELSEQ for Windows Version 4.0
SEQ ID NOS: 12
LENGTH: 20
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US-10-053-645A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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Pred. No. 3.7e+02;
0; Mismatches 2; Indels
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0.9%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 2;
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) Sequence 43, Application US/10305810
) Publication No. US20030176385A1
) GENERAL INFORMATION:
APPLICANT: Huang, Chunli
APPLICANT: Hoang, Chunli
APPLICANT: Simons, Jan bredrik
APPLICANT: Tailon, Bruce E.
APPLICANT: Tailon, Bruce E.
APPLICANT: Peyman, John S.
APPLICANT: Railon, Chun A.
APPLICANT: Smithson, Glennda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1405 AGGIGCTGCCGACGCTCC 1422
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88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 88.9°
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-051-8198-12
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US-10-305-810-43
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Sequence 12, Application US/10052390B

Publication No. US20030148970A1

GENERAL INFORMATION

APPLICANT: Besterman, Jeffery M.

APPLICANT: Bonfils, Claire

APPLICANT: Li, Zuomei

APPLICANT: Li, Zuomei

APPLICANT: Vaisburg, Arkadii

APPLICANT: Vaisburg, Arkadii

APPLICANT: Vaisburg, Arkadii

APPLICANT: Vaisburg, Arkadii

APPLICANT: Neurelle

APPLICANT: Fournel, Marielle

APPLICANT: Lavoie, Rico

TITLE OF INVENTION: Methods for Specifically Inhibiting Histone Deacetylase-4

FILE REFERENCE: MET-004US1

CURRENT APPLICATION NUMBER: US/10/052,390B

CURRENT FILING DATE: 2001-01-12

NUMBER OF SEQ ID NOS: 19

SEQ ID NO 12

LENGTH: 20

LENGTH: 20
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                 APPLICANT: Vickers, Timothy A.

TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT PILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARES FRASESQ for Windows Version 4.0
SEQ ID NO 554
LENGTH: 20
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Pred. No. 3.7e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-10-388-263-554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 12, Application US/10051819B; Publication No. US20030152557A1; GENERAL INFORMATION: APPLICANT: Besterman, Jeffery M.; APPLICANT: Bonfils, Claire; APPLICANT: Woo, Soon; APPLICANT: Vaisburg, Arkadii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1405 AGGIGCIGCCGACGCTCC 1422
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Borchers, Alexander
                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-052-390B-12
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                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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APPLICANT: CHANNON, MAINT
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PLING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: PCT/USO1/00666
                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 01930
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
COMPUTER: Dell PC
OPERATING SYSTEM: MS DOS
SOFTWARE: MICTOSOFT WORD VERSION 97
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNNBER: US/09/887,145
FILING DATE: 22-Jun-2001
CLASSIFICATION: UNKNOWN
ATTORNEY/AGENT INFORMATION:
NAME: DATA' DATABRE: 29,693
REGISTRATION NUMBER: 29,693
REGISTRATION NUMBER: 29,693
TELEPHONE: (978) 522-3794
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
A hare Dairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 21;
                                                                                  APPLICANT: Kim, Seung U
TITLE OF INVENTION: Immortalized human microglia
cell and continuous cell line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3; DB 1;
4e+02;
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0.9%; Score 14.8;
Best Local Similarity 88.9%; Pred, No. 4e
Matches 16; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-887-145-29
                                                                                                                                                                          NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: David Prashker, Esq.
STREET: P.O. BOX 5387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10651, Application US/09866108 Patent No. US20020048800A1
   Sequence 29, Application US/0987145
Publication No. US20030082139A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                  CITY: Magnolia
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18 deccaeciredaagicar 1
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APPLICANT: GU, Yizhong
APPLICANT: GI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
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                                                                        CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: 60/334,148
PRIOR FILING DATE: 2001-11-29
PRIOR FILING DATE: 2001-11-29
PRIOR FILING DATE: 2001-11-29
PRIOR FILING DATE: 2001-12-04
PRIOR PLING DATE: 2001-12-04
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-04-03
PRIOR PLING DATE: 2000-04-03
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-09-19
PRIOR PRIOR PRIOR NUMBER: 60/233,798
PRIOR PRIOR DATE: 2000-09-19
PRIOR FILING DATE: 2000-09-19
PRIOR FILING DATE: 2000-09-19
PRIOR FILING DATE: 2000-01-04
PRIOR FILING DATE: 2000-01-04
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-11-13
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Sequence 22, Application NG. US20030215943A1
GENDIAL INFORMATION: US20030215943A1
APPLICANT: Rosane M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: AMYLISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
FILE REFERENCE: ISPH-0664
CURRENT FILING DATE: 2002-05-15
NUMBER OF SEQ ID NOS: 124
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0
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION FILE REFERENCE: 21402-501
CURRENT APPLICATION NUMBER: US/10/305,810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.9%; Score 14.8; DB 1; Length 20; 88.9%; Pred. No. 3.7e+02; ive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 14.8; DB 1; Length 20; Pred. No. 3.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          151 GATGCTGCTGCTGCGAG 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GGCCAGCTTGGAAGTCAT 20
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 88.9%;
Matches 16; Conservative
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Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: IL-8-AS1
US-10-305-810-43
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US-10-147-196-22/c
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SEQ ID NO 22 LENGTH: 20

FEATURE:

Query Match

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PRIOR APPLICATION NUMBER: PCT/US01/00666 PRIOR FILING DATE: 2001-01-30

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Sequence 3086, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Bazymatic Nacleic Acid Treatment of Diseases or Conditions Relaired FILE REFERENCE: MHEMOL958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3086
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2143, Application US/09848754A

Publication No. US20030073207A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
TITLE REFERENCE: MBHB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A

CURRENT FILING DATE: 2001-05-03

NUMBER OF SEQ ID NOS: 9645

SEQ ID NO 2143
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 14.4; DB 1;
Pred. No. 3e+02;
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
PRIOR PRIOR APPLICATION NUMBER: PCT/USO1/00662
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-03
PRIOR PILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR PILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SEQ ID NO 10652
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity 93.8
Matches 15; Conservative
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ORGANISM: Homo sapiens
US-09-848-754A-2143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10652
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US-09-848-754A-2143
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APPLICANT: HENN, SHATON G.
APPLICANT: HENN, SHATON G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE PILE REPERENCE. AEONICA-7
CURRENT APPLICATION NUMBER: US, 09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US, 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GC/VS01/00666
PRIOR PILING DATE: 2000-10-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
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-hes l; Indels
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR PLLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00664
PRIOR PLLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR PLLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PLLING DATE: 2001-01-30
PRIOR PLLING DATE: 2001-01-30
PRIOR PLLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR PLLING DATE: 2001-01-30
PRIOR PLLING DATE: 2000-09-21
PRIOR PLLING DATE: 2000-09-21
PRIOR PLLING DATE: 2000-09-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 10651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10652, Application US/09866108 Patent No. US20020048800A1
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Best Local Similarity 93.8
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10651
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US-09-866-108-10652/c
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Sequence 6011, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: NCSWiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and FKR
FILE OF INVENTION: Levels of IKK-Gamma and PKR
FILE OF INVENTION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 6011
LENGTH. 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 109

US-10-156-306-6012

US-10-156-306-6012

Sequence 6012, Application US/10156306

Publication No. US20030119017A1

GENDERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Exevels of IKK-Gamma and PKR.

FILE REFERENCE: MBHB01-664-A (400/050)

CURRENT APPLICANTION: Levels of IKK-Gamma and PKR.

FILE REFERENCE: MBHB01-664-A (400/050)

CURRENT PILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: Patentin version 3.0

SEQ ID NO 6012
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Sequence 99, Application US/09918186A

Patent No. US20020137708A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Elizabeth J. Ackermann

APPLICANT: Exic E. Swayze

APPLICANT: Lex M. Cowsert

TILE OF INVENTY ENCY. M. Cowsert

TILE OF INVENTY FELION NUMBER: US/09/918,186A

CURRENT FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 09/496,694

PRIOR FILING DATE: 2000-02-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1135 GCCCGCCGCTGTGCAC 1150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1132 CCTGCCGCCGCTGTG 1147
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 81.2
Matches 13, Conservative
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CRGANISM: Homo sapiens
US-10-156-306-6012
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 110
US-09-918-186A-99/c
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Publication No. US20030119017A1
GENERAL INFORMATION
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013-05-28
NUMBER OF SEQ ID NOS: 8013-05-28
LIBNGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2801, Application US/10238700
Publication No. US20030153521A1
Publication No. US20030153521A1
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: NGSWiggen, James
TITULE OF INVENTION: NUCLEIC ACIG Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT PILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR PILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: Patentin Version 3.0
SEQ ID NO 2801
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                                                                              Query Match 0.9%; Score 14.4; DB 1; Length 17; Best Local Similarity 93.8%; Pred. No. 3e+02; Matches 15; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 93.8
Matches 15; Conservative
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US-10-156-306-5214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
CORGANISM: Homo sapiens
US-10-238-700-2801
; ORGANISM: Homo sapiens US-09-848-754A-3086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 13; Conserv
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US-10-238-700-2801
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Gaps
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Patent No. US20020147164A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett

APPLICANT: Robert Rothlein

APPLICANT: Radshi Kei Kishimoto
APPLICANT: Tardshi Kei Kishimoto
APPLICANT: Tardshi Kei Kishimoto
APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF CYTCHESIN-1 EXPRESSION

TITLE PERERENCE: RIS-0095

CURRENT APPLICATION UNDER: US/09/791,243

CURRENT PILING DAIE: 2001-02-22

NUMBER OF SEQ ID NOS: 89

LENGTH: 20
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Goodfellow, Peter
TITLE OF INVENTION: SOX-9 GENE AND PROTEIN AND
USE IN THE REGENERATION OF BONE OR CARTILAGE
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
SIRET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
0.9%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                  Query Match
0.9%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-243-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READBABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRING APPLICATION DATA: US/09/910,087
                                                                                               ; TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 1165: US-09-961-077-1165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 12, Application US/09910087
Patent No. US20020055480A1
GENERAL INFORMATION:
                                              LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
     INFORMATION FOR SEQ ID NO: 1165
                                                                                                                                                                                                                                                                                                                      1368 GCGGGGGGGCGCGC 1383
                              SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              32 GGCGAGCCGGAGCGAG 47
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-791-243-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-910-087-12/c
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                                                                                                                                                                                                                                                                                                                    Length 18;
                                                                                                                                                                                                                                                                                                                                                                  1; Indels
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                                                                                                                                                                                                                                                                                                                    Query Match

0.9%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD FREECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/961,077

FILING DATE: 21-82P-2001

CLASSIFICATION: UNMER: 08/09/961,077

PRICH APPLICATION NUMBER: 08/001,135

APPLICATION NUMBER: 08/001,135

FILING DATE: July 12, 1996

APPLICATION NUMBER: 08/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTONEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 2IP: 20071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                            , OTHER INFORMATION: Antisense Oligonucleotide US-09-918-186A-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Zwick, Michael G.
Bdington, Brent E.
McSwiggen, James A.
McSwiggen, James A.
McSwiggen, James A.
McSwiggen, James A.
Young, Scott A.
Folkerts, Otto
Metlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND MET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFRAX: (213) 955-0440
TELERA: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREBT: 633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 111
US-09-961-077-1165/c
; Sequence 1165, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 99
                                                                                                                                                                                                                                                                                                                                                                                                                1370 GGGGGGGGGGGGA 1385
                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Gaps
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0
                              APPLICANT: Pyrosequencing AB
APPLICANT: Ahmadian, Afshin
APPLICANT: Lundeberg, Joakim
APPLICANT: Lundeberg, Joakim
APPLICANT: Nyren, Pal
TITLE OF INVENTION: Allele Specific Primer Extension Assay
FILE REPERENCE: Docket 14259
CURRENT APPLICATION NUMBER: US/09/791,190A
CURRENT FILING DATE: 2002-09-25
NUMBER: OF SEQ ID NOS: 48
SOPTWARE: PatentIn version 3.0
SEQ ID NO 16
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1; Length 19;
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Local Similarity 84.2%; Pred. No. 4e+0
nes 16; Conservative 0; Mismatches
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ORGANISM: Artificial Sequence
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NAME/KET:
NAME/KET:
LOCATION: ()...()
CTHER INFORMATION: Primer
US-09-791-190A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial
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Matches
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; Sequence 18, Application US/09938795A
; Sequence 18, Application US/09938795A
; Publication No. US203004568BA1
; GENERAL INFORMATION:
; APPLICANT: CHAYAN, SANGBERA S.
; APPLICANT: CHAYAN, SANGBERA S.
; APPLICANT: MASON, JAMES M.
; FILE PERFERENCE: LIJ-9000-US
; CURRENT APPLICATION NUMBER: US/09/938,795A
; PRIOR APPLICATION NUMBER: 60/27,818
; PRIOR FILING DATE: 2000-08
; SOFTHARE: 2000-08
; SOFTHARE: 2000-08
; SOFTHARE: PALENTING DATE: 2000-08
; SOFTHARE: 2000-08
; S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.9%; Score 14.2; DB 1; Length 19; Best Local Similarity 84.2%; Pred. No. 4e+02; Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14.2; DB 1; Length 19; Pred. No. 4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3; Indels
                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PM9714
FILING DATE: 29-NOV-1994
APPLICATION NUMBER: AU PM835
FILING DATE: 05-DEC-1994
APPLICATION NUMBER: PCT/AU95/00799
FILING DATE: 29-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGILO, FRANK S.
REGISTRATION NUMBER: 31,346
REFRENCE/DOCKET NUMBER: 10981
TELEPRONE: 516-742-4443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
08-09-910-087-12
FILING DATE: 20-Jul-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        850 GCTCTACAGCGACTTCCTC 868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 84.2'
Matches 16; Conservative
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US-10-244-647-9

US-10-244-647-9

Sequence 9, Application US/10244647

Publication No. US20030206887A1

Sequence 9, Application Oscillatory of Sequence 9, Application No. US20030206887A1

SEQUENCE NOT SERVED N
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; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense

US-10-244-647-9
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Best Local Similarity
Matches 10; Conserva
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US-10-244-647-655/c
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RESULT 115 US-09-311.190A-16 Sequence 16, Application US/09791190A Publication No. US20030104372A1

1515 TGGGCATGGCGGTCAAGTC 1533

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Sequence 11, Application US/09800631
Patent No. US20020082228A1
Patent No. US20020082228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Oscqueline Wyatt
TITLE OF INVENTION: ANTIENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXI
FILE REFRENCE: ISPH-0544
CURRENT APPLICATION UNDER: US/09/800,631
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR APPLICATION NUMBER: US/09/657,346
SEQ ID NO 11
LENGTH: 20
LENGTH: 20
LENGTH: 20
LENGTH: 20
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Patent No. US20020141163A1

GENERAL INFORMATION:

APPLICANT: SOBET MCNEY

APPLICANT: Gusan M. Freier

APPLICANT: Jacqueline Myatt

TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION

TITLE REFERENCE: RTS-0159

CURRENT APPLICATION NUMBER: US/09/780,172

CURRENT FILING DATE: 2001-02-08

NUMBER OF SEQ ID NOS: 96

LENGTH: 20
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84.2%; Pred. No. 4.4e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                        3; Indels
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                                                                                                                                                                                                                                                                                                                                                           Score 14.2; DB 1;
Pred. No. 4.4e+02;
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84.2%; Pred. No. 4...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         170 TGTCTGCTGCTAGTCCTCG 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     144 TGGGCGAGATGCTGCTGCT 162
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-800-631-11
                              TELEFAX: 609-810-1454
| INFORMATION FOR SEQ ID NO: 4;
| SEQUENCE CHARACTERISTICS: |
| LENGTH: 20 base pairs |
| TYPE: Nucleic Acid |
| STRANDEDNESS: Single |
| TOPOLOGY: Linear |
| ANTI-SENSE: Yes |
      609-810-1515
                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 84.2<sup>3</sup>
Matches 16; Conservative
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Best Local Similarity 84.29
Matches 16, Conservative
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US-09-800-631-11/c
      TELEPHONE:
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US-09-780-172-32
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                                                                          GENERAL INFORMATION

APPLICANT: Ribozyme Pharmaceutical, Inc.

APPLICANT: Ribozyme Pharmaceutical, Inc.

APPLICANT: McSwiggen, Javid

APPLICANT: McSwiggen, Javid

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, James

APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: Short Interference Mediated Inhibition of Hepatitis B Virus (HBV) U

TITLE OF INVENTION: Short Interference Mediated Inhibition of Hepatitis B Virus (HBV) U

TITLE OF INVENTION: Short Interference Mediated Inhibition of Hepatitis B Virus (HBV) U

TITLE OF INVENTION: Short Interference Mediated Inhibition of Hepatitis B Virus (HBV) U

TITLE OF INVENTION NUMBER: US/10/244.647

CURRENT FILING DATE: 2002-02-0

PRIOR FILING DATE: 2002-07-03

PRIOR FILING DATE: 2002-07-03

PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 1524

SOFTWARE: PatentIn version 3.0

SEQ ID NO 655

LENGTH: 19
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84.2%; Pred. No. 4e+02;
tive 0; Mismatches 3; Indels
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CITY:

STATE:

STATE:

STATE:

OUNTRY:

CONTURK:

STATE:

MEDIUM TYPE:

DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER READABLE FORM:

MEDIUM TYPE:

OPERATING SYSTEM:

MINDOWS 95

SOFTWARE:

SOFTWARE:

APPLICATION NUMBER:

FILING DATE:

APPLICATION DATA:

APPLICATION NUMBER:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

ANTONNEY AGENT INFORMATION:

ANTONNEY AGENT AG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE, DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
Sequence 655, Application US/10244647
Publication No. US20030206887A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               173 CTGCTGCTAGTCCTCGTCT 191
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ORGANISM: Artificial Sequence
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Matches 16, Conservative
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US-09-922-146-25/c
| Sequence 25, Application US/09922146|
| Sequence 25, Application US/09922146|
| Publication No. US20030083285A1
| GENERAL INNOMATION
| APPLICANT: Lex M. Cowest
| APPLICANT: Brett P. Monia |
| TITLE OF INVERTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION |
| TITLE OF INVERTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION |
| TITLE OF INVERTION NUMBER: US/09/922,146 |
| CURRENT APPLICATION NUMBER: US/09/922,146 |
| CURRENT FILING DATE: 2001-08-01 |
| SEQ ID NO 25 |
| LINGTH: 20 |
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CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 746
LENGTH: 20
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                                                                                                                                                                                                                                                                               Score 14.2; DB 1; Length 20;
Pred. No. 4.4e+02;
0; Mismatches 3; Indels
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3;
; SEQ ID NO 68
) LENGTH: 20
) TYPE: DNA
) ORGANISM: Artificial Sequence
| FEATURE:
| FEATURE:
| OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
TOTHER INFORMATION: Antisense Oligonucleotide
US-09-922-146-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 746, Application US/10388263 Publication No. US20030228597A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1298 GCGCACGCGCTCCTGGCTG 1316
                                                                                                                                                                                                                                                                                                                                                                                                                              329 GGAAGGIAIGAAGGAAGA 347
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                      0.9%;
                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 84.2
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 124
US-10-388-263-746/c
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Publication NO. US2000045487A1
Publication NO. US20030045487A1
Publication NO. US20030045487A1
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: ASGQUEINE WYATT
ITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX
FILE REFERENCE: RTS-0221
CURRENT APPLICATION UNDBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
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                                         Gaps
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                                                                                                                                                                                                                                                                                                     US-09-870-002-20/c

US-09-870-002-20/c

Sequence 20, Application US/09870002

Publication No. US20030013670A1

GENERAL INFORMATION

APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan, M.

TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras

NUMBER OF SEQUENCES: 55

CORRESPONDERSES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READBLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM COMPATIBLE
OMPETATIOR SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 for WINDOWS
CURRENT APPLICATION NATAER: US/09/870,002
FILING DATE: 30-May-2001
CLASSIFICATION NATAER: US/09/870,002
FILING DATE: 30-May-2001
CLASSIFICATION NATAER: US/05/5554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match

0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
   Best Local Similarity 84.2%; Pred. No. 4.4e+02; Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 20
US-09-870-002-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1368 GCGGGGGGGGGGCAG 1386
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MATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                             390 ACAACCCGACATCATATT 408
                                                                                                                                                                             2 AAATCCCTGACATCATATT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         19 GCCGCGCGCGCGCAGCCAG 1
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STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 08053
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US-09-865-866-68
                                                                                                                                                                                                                                                                                      RESULT 121
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US-09-81-871-154/c

Sequence 154, Application US/09851871

Sequence 154, Application US/09851871

Publication No. US20030176374A1

GENERAL INFORMATION:
APPLICANT: Vickers, Timoth A.
APPLICANT: Karras, James G.
TITLE OF INVENTION: Oligonuclectide Compositions and Methods for the TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REPERENCE: ISPH-0543

CURRENT APPLICATION NUMBER: US/09/851,871
Sequence 45, Application US/09961756
Publication No. US20030170253A1
GENERAL INFORMATION:
APPLICANT: ERINSSON, U1f
OLOFSSON, Birgitta
ALITALO, Karii
PAJUSOLA, Karii
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
DNA CODING THEREFOR
                                                                                                                                                                                                                                                                              ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C. STREET: 1200 G Street, N.W., Suite 700 CITY: Washington STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,756
FILING DATE: 25-Sep-2001
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/609,443B

FILING DATE: 0.1-MAR-1996

APPLICATION NUMBER: US 08/397,651

FILING DATE: 0.1-MAR-1995

APPLICATION NUMBER: US 08/469,427

FILING DATE: 0.6-JUN 1995

APPLICATION NUMBER: US 08/569,063

APPLICATION NUMBER: US 08/569,063

ATTORNEY/AGENT INFORMATION:

NAME: EVANS, JOSEPH D

REGISTRATION NUMBER: 26,269

REGISTRATION NUMBER: 26,269

REGISTRATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.9%; Score 14.2; DB 1;
llarity 84.2%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (Genomic);
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-961-756-45
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1331 CGCACGGACCGCGGGGGG 1349
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                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 16; Conserva
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APPLICANT: William Gaarde
APPLICANT: William Gaarde
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSIC
FILE REFERENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 153
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                   S-10-006-191-91/c
Sequence 91, Application US/10006191
Sequence 91, Application US/10006191
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSIC
FILE REPRENDENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 200
LENGTH: 20
LENGTH: 20
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                                                                                               Query Match

0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Pred. No. 4.4e+02;
0; Mismatches 3; Indels
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3;
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonuclectide
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; CTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 111, Application US/10006191
Publication No. US20030144223A1
GENERAL INFORMATION:
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                ; OTHER INFORMATION: PCR Primer US-10-388-263-746
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 16; Conserv
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US-09-961-756-45/c
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FEATURE:
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Gaps

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Publication No. US20030130222A1

SEQUENCE 11, Application US/10293783

Publication No. US20030130222A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Hong Zhang

APPLICANT: Hong Zhang

APPLICANT: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EX

FILE OF INVENTION: ANTISENSE US/10/293,783.

CURRENT APPLICATION NUMBER: US/10/293,783.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 42, Application US/10222334
Publication No. US20030073116A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Levy, Gallia
APPLICANT: Levy, Gallia
APPLICANT: Levy, Gallia
TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
FILE REPERENCE: UM-07288
CURRENT APPLICATION NUMBER: US/10/222,334
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/312,834
PRIOR FILING DATE: 2001-08-16
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APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antiense Modulation of mdm2 expression.

FILE REFERENCE: ISH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

PRIOR PELICATION NUMBER: US/0048,810

PRIOR PELICATION NUMBER: US 09/048,810

PRIOR PELICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

NUMBER OF SELICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

NUMBER OF SELICATION NUMBER: 1379

SOFTWARE: FASELSEQ for Windows Version 4.0

LENGTH: 20

"LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14.2; DB 1; Length 20; Pred. No. 4.4e+02;
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-42
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0.9%; Score 14.2; D

Best Local Similarity 84.2%; Pred. No. 4.4e

Matches 16; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 78
SOFTWARE: Patentin version 3.1
SEQ ID NO 42
LENGTH: 20
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US-10-293-783-11/c
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APPLICANT: Kong, Xiangyin
APPLICANT: Kong, Xiangyin
APPLICANT: Xiao, Shangxi
APPLICANT: Xiao, Guoping
APPLICANT: Xiao, Guoping
APPLICANT: Yu, Chuan
APPLICANT: Hu, Landian
TITLE OF INVENTION: METHOD OF DIAGNOSING AND TREATING DENTINOGENESIS IMPERFECTA
TITLE OF INVENTION: PRODUCT THEREOF
TITLE OF INVENTION: TYPE II USING DENTIN SIALOPHOSPHOPROTEIN GENE AND CODED
TITLE OF INVENTION: TYPE II USING DENTIN SIALOPHOSPHOPROTEIN GENE AND CODED
TITLE OF INVENTION: TYPE II USING DENTIN WHERE: 2003-03-05
CURRENT APPLICATION NUMBER: US/10/363, 798
CURRENT FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 14.2; DB 1; Length 20;
Pred. No. 4.4e+02;
0; Mismatches 3; Indels
  CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR FILING DATE: 1999-06-04
PRIOR FILING DATE: 1999-06-04
PRIOR PILING DATE: 1999-06-04
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 284
SOFTWARE: Patentin Ver. 2.0
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Bract P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 15, Application US/10363798
Publication No. US20030180280A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 84.2%;
Matches 16; Conservative
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US-09-851-871-154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Primer US-10-363-798-15
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RESULT 130

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JOHERANI INVOCATION Pharmaceuticals, Inc.

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Mary Thale

APPLICANT: Mary Mary Mary

TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversities of INVENTION: Immune Responses

FILE REPRENCE: 250/130 (MEHBO0-900-A)

CURRENT APPLICATION NUMBER: US/10/440,850

CURRENT FILING DATE: 2000-08-28

PRIOR FILING DATE: 1996-01-12

PRIOR FILING DATE: 1996-01-12

PRIOR FILING DATE: 1996-01-12

PRIOR FILING DATE: 1998-03-11

NUMBER OF SEQ ID NOS: 2285

SEQ ID NOS: 2285

SEQ ID NO 167
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Batent No. US200201276691

GENERAL INFORMATION:

APPLICANT: Knipp, Gregory T.

APPLICANT: Herrera-Ruiz, Dea

APPLICANT: Rutgers, The State University of New Jersey

ITILE OF INVENTION: Histidine Transporter 1 and Methods of Use Thereof

FILE REFERENCE: Rutgers 00-0126

CURRENT APPLICATION NUMBER: US/09/870,956

CURRENT APPLICATION NUMBER: 05/208,061

PRIOR PILING DATE: 2001-05-31

PRIOR FILING DATE: 2000-05-31
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Pred. No. 2.6e+02;
5; Mismatches 0; Indels
                                                                                                                                                                                                                                                       Length 15;
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0.9%; Score 14; DB 1; Li
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 0;
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                                                                                                                                                                     ; OTHER INFORMATION: antisense sequence US-09-757-1008-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 167, Application US/10440850; Publication No. US20030207837A1; GENERAL INFORMATION:
                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PALUK FILING DATE: 2000-05-31
NUMBER OF SEQ ID NOS: 56
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Best Local Similarity 64.37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-167
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                                                                                                                                                 FEATURE:
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Sequence 37, Application US/09757100B

Referent No. US20010034329A1

GENERAL INFORMATION:

APPLICANT: Moria, Brett P.

APPLICANT: Moria, Brett P.

APPLICANT: Nero, Pamela S.

TITLE OF INVENTION: Expression

FILE REFERENCE: ISPH-0533

CURRENT APPLICATION NUMBER: US/09/757,100B

CURRENT FILING DATE: 2001-05-15

PRIOR APPLICATION NUMBER: 09/377,310

FRIOR APPLICATION NUMBER: PCT/US00/18999

PRIOR APPLICATION NUMBER: PCT/US00/18999

PRIOR APPLICATION NUMBER: PCT/US00/18999

NUMBER OF SEQ ID NOS: 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA US-09-828-034-7
                                                                                                                                                                                                                                                                                                                                                              Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 30;
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                                                                                                                                                                                                                                                                                                                                                        Query Match 0.9%; Score 14.2; DB 1; Best Local Smilarity 84.2%; Pred. No. 4.4e-02; Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
0.9%; Score 14.2; DB 1;
Best Local Similarity 70.4%; Pred. No. 7.9e+02;
Matches 19; Conservative 0; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ## Sequence 7, Application US/09828034

## Sequence 7, Application US/09828034

## Patent No. US20020064771A1

## REPERT INFORMATION:

## APPLICANT: Zhong, Weidong

## APPLICANT: Perrari, Eric

## TITLE OF INVENTION: HCV REPLICASE COMPLEXES

## TITLE OF INVENTION: HCV REPLICASE COMPLEXES

## TITLE OF INVENTION: HCV REPLICASE COMPLEXES

## TITLE OF INVENTION: HCV REPLICASE

## CURRENT APPLICATION NUMBER: US/09/828,034

## CURRENT APPLICATION NUMBER: US. 60/195,852

## PRIOR FILING DATE: 2000-04-06

## NUMBER OF SEQ ID NOS: 33

## SOOTHWARE: PatentIn Ver. 2.1

## SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       89 CGCGCGCACTCGCGCCCGGACCCGCAC 115
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PRIOR APPLICATION NUMBER: US/09/800,631
PRIOR FILLING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 11
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                            170 TGTCTGCTGCTAGTCCTCG 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 refrecaecheererres 2
                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                         FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-293-783-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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US-09-757-100B-37
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APPLICANT: Abbort Laboratories
APPLICANT: Abbort Laboratories
APPLICANT: Abbort Laboratories
APPLICANT: Yamaguchi, Julie
APPLICANT: Yamaguchi, Julie
APPLICANT: Brennan, Catherine A.
APPLICANT: Brennan, Robert K.
APPLICANT: Brennan, Robert K.
APPLICANT: Brennan, Robert K.
APPLICANT: Devare, Sushi G.
TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF ANTIBODIES TO HIV FILE REFERENCE: 6165.03.01
CURRENT APPLICATION NUMBER: US/08/911,824
CURRENT FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 121
SOUTHWARE: PASTERO for Windows Version 3.0
SEQ ID NO 77
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Fechtel, Kim
APPLICANT: Genetics Institute, Inc.
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
FILE REPERENCE: G1 6075-83A
CURRENT APPLICATION NUMBER: US/09/374,046A
CURRENT FILING DATE: 1999-08-13
NUMBER OF SEQ ID NOS: 240
SOUTWARE: PATENTIN VET. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.9%; Score 14; DB 1; Length 18; 87.5%; Pred. No. 3.8e+02; tive 1; Mismatches 1; Indels
                                                           Length 17;
                                                   Ouery Match

0.9%; Score 14; DB 1; L
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Human Immunodeficiency Virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-374-046A-201

Sequence 201, Application US/09374046A

Publication No. 10220030096951A1

GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
APPLICANT: MCCOY, John M.
APPLICANT: LaVallie, Edward R.
APPLICANT: Collins-Racie, Lisa A.
APPLICANT: Evans, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Merberg, David
APPLICANT: Treacy, Munica
APPLICANT: Apostino, Michael J.
APPLICANT: Steininger II, Robert J.
APPLICANT: Spaulding, Vikki
APPLICANT: Spaulding, Vikki
APPLICANT: Wong, Gordon G.
APPLICANT: Clark, Hilary
                                                                                                                                                                                                                                                                                                                                                   ; Sequence 77, Application US/08911824; Publication No. US20030004323A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      764 GIGCACCIGGAGCAGG 779
                                                                                                                                                            1373 GGCGGCGGCAG 1386
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Best Local Similarity 87.5
Matches 14; Conservative
  US-09-780-533A-2337
                                                                                                                                                                                                                                                                                                  RESULT 139
US-08-911-824-77/c
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Sequence 1789, Application US/09780533A

Publication No. US20030060611A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: Blatt, Larry

APPLICANT: Chowrina, Bharat

CURRENT PPLICATION NUMBER: US/09/780,533A

CURRENT PPLICATION NUMBER: US 60/181,797

FRIOR PPLICANT: NUMBER: US 60/181,797

SEQ ID NOS: 6679

SEQ ID NOS: 6679

SEQ ID NOS: 6679

SEQ ID NOS: 6679
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Publication No. US2030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBHB00, 878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT PILING DATE: 2001-02-09
PRIOR FILING DATE: 2000-02-11
PRIOR PLILING DATE: 2000-02-1
SEQ ID NOS: 6679
SOFTWARE: Patentin Version 3.0
SEQ ID NO 2337
FENGTH: 17
                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.9%; Score 14; DB 1; Length 17;
100.0%; Pred. No. 3.4e+02;
tive 0; Mismatches 0; Indels
; SOFTWARE: FastSEQ for Windows Version 3.0; SEQ ID NO 17; LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1373 GGCGGCGGCAG 1386
                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FBATURE:
                                                                                                                                                                                                                                                                                                                                                   491 ATGAACCAGTGGCC 504
                                                                                                                                                                                                                                                                                                                                                                                     1 ATGAACCAGTGGCC 14
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Best Local Similarity 100.(
Matches 14; Conservative
                                                                                                                                                         ) OTHER INFORMATION: Primer US-09-870-956-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-780-533A-1789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-780-533A-2337
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Sequence 17, Application US/09757100B
| Patent No. US20010034329A1
| GENERAL INFORMATION:
| APPLICANT: Monia, Brett P. APPLICANT: Monia, Milliam A. APPLICANT: Monia, Brett P. TITLE OF INVENTION: Antieense Modulation of Focal Adhesion Kinase:
| TITLE OF INVENTION: Expression: TITLE OF INVENTION: Expression: FILE REFERENCE: ISPH-053;
| CURRENT FILING DATE: 201-03-15;
| PRIOR APPLICATION NUMBER: US/09/757,100B
| PRIOR APPLICATION NUMBER: PCT/US00/18999
| PRIOR FILING DATE: 1999-08-19
| PRIOR FILING DATE: 2000-07-13
| NUMBER OF SEQ ID NOS: 44
| SOFTWARE: PatentIn Ver. 2.0
| SEG ID NO 17
| LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.9%; Score 14; DB 1; Length 20; 100.0%; Pred. No. 4.7e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                              Query Match 0.9%; Score 14; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 4.7e+02; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                             ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: PLOWNAN, GREGORY
APPLICANT: PLOWNAN, GREGORY
APPLICANT: CARNEBEL, SAAN
APPLICANT: CHARYDCZAK, GLEN
APPLICANT: CHARYDCZAK, GLEN
APPLICANT: SUDARSANAM, SUCHA
TITLE OF INVENTION: NOVEL PROTEASES
FILE REFERENCE: 036602/1214
CURRENT APPLICATION NUMBER: 05/09/889,615
CURRENT FILING DATE: 2001-06-26
PRIOR APPLICATION NUMBER: 60/214,047
PRIOR FILING DATE: 2000-06-26
NUMBER OF SEQ ID NOS: 150
SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: antisense sequence US-09-757-100B-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 131, Application US/0988615; Patent No. US20020064856A1; GENERAL INFORMATION:
                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                            1141 CGCTGTGCACAGCG 1154
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Best Local Similarity 100.0
Matches 14, Conservative
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US-09-888-615-131
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Publication No. US20030138831A1
GENERAL INFORMATION:
APPLICANT: Kwagh, Jaa-Gyu
APPLICANT: Macklin, John J.
APPLICANT: Mitsis, Paul G.
APPLICANT: Ulmer, Kevin M.
TITLE OF INVENTION: METHOD FOR SEQUENCING AND CHARACTERIZING POLYMERIC
TITLE OF INVENTION: APPLAMERS
FILE REPRESENCE: PL/201P
CURRENT APPLICANT: US. 2002-12-03
CURRENT PILING DATE: 2002-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:

CTARINER INFORMATION: Description of Artificial Sequence: n is any one of CHER INFORMATION: g, a, t or c
US-10-309-690-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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ORGANISM: Artificial Sequence
FEATURE:
NOME/KEY: misc_feature
LOCATION: 1...19
OTHER INFORMATION: Bescription of Artificial Sequence: Synthetic DNA
OTHER INFORMATION: sequence
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                                                                                                                                                                      Length 18;
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Publication No. US20030105041A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
TILE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
FILE REFERENCE: ISPH-0617
CURRENT APPLICATION NUMBER: US/10/001,844
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ 1D NOS: 49
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                 Query Match
0.9%; Score 14; DB 1; Length 1B;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Indels
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0.9%; Score 14; DB 1; I
Best Local Similarity 73.7%; Pred. No. 4.3e+02;
Matches 14; Conservative 2; Mismatches 3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US/09/578,634
PRIOR FILING DATE: 2000-05-25
PRIOR PLLING DATE: 1999-05-25
NUMBER OF SEQ ID NOS: 90
SSCTWARR: Patentin Ver. 2.1
LENGTH: 19
                                                              FEATURE:
COTHER INFORMATION: oligonucleotide
US-09-374-046A-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1552 CGGGGGAGGGGCGCGGAG 1570
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                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                  785 ACCAAGCTGGTGAA 798
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US-10-001-844-40
LENGTH: 18
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US-10-430-196-5/c
US-10-430-196-5/c
US-10-430-196-5/c

j Publication No. US20030194738A1
j GENERAL INFORMATION:
j APPLICANT:
NICHOLAR M. Dean; Robert A. McKay; Loren J.
MITAGILA: Antisense Oligonucleotide
j TITLE OF INVENTION: Antisense Oligonucleotide
j Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDERRECT 6.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/430,196

FILING DATE: 05-May-2003

CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/23,517A

FILING DATE: 1990-07.30

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0209

TELEPHONE: (609) 810-1515

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
                                                                FEATURE:
, OTHER INFORMATION: Description of Artificial Sequence: SNP US-09-888-615-131
                                                                                                                                                Query Match 0.9%; Score 14; DB 1; Length 20; Best Local Similarity 87.5%; Pred. No. 4.7e+02; Matches 14; Conservative 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
0.9%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 0;
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STRANDEDNESS: Single
STRANDEDNESS: Single
FOPCLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-430-196-5
                                                                                                                                                                                                                                       1458 CGCAGCTGCTCTACCA 1473
                                                                                                                                                                                                                                                                1 CGCACCTGCTCYACCA 16
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Search completed: December 23, 2003, 16:37:33 Job time: 29 secs
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Compright Genicos variable 1.4   Compright Genicos of the control o	ACCESSION:AZ441517 ACCESSION:AZ456332 ACCESSION:AZ458425 ACCESSION:AZ462694	ACCESSION: AZ483838 ACCESSION: AZ486750	ACCESSION: AZS81190 ACCESSION: AZS84757 ACCESSION: AZS80321 ACCESSION: AZS97625	ACCESSION: AZ602985 ACCESSION: AZ642084 ACCESSION: AZ642494 ACCESSION: AZ647408	ACCESSION: AZ766712 ACCESSION: AZ767823 ACCESSION: AZ775873	ACCESSION: AZ779302 ACCESSION: AZ781352	ACCESSION: AZ789340 ACCESSION: AZ805250	ACCESSION: AZB07363 ACCESSION: AZB07363 ACCESSION: AZB08089	ACCESSION: AZ81491 ACCESSION: AZ817117 ACCESSION: AZ826596 ACCESSION: AZ864279	ACCESSION:AZ875718 ACCESSION:AZ941907	ACCESSION: AL4997313 ACCESSION: AL498971 ACCESSION: AL453937 ACCESSION: AZ345438	ACCESSION: AZ426899 ACCESSION: AZ645269	ACCESSION:AZ823365 ACCESSION:AZ345794 ACCESSION:AZ427731	ACCESSION: AZ447248 ACCESSION: AZ854647	ACCESSION: AZS61588 ACCESSION: AZS61588 ACCESSION: AAS78744	ACCESSION: AA995094 ACCESSION: AZ305212	ACCESSION: AZ345894 ACCESSION: AZ410166 ACCESSION: AZ427750	ACCESSION: AZ493581 ACCESSION: AZ760597	ACCESSION: AZ813861 ACCESSION: AZ861832	ACCESSION: AZ983014 ACCESSION: AZ328703	ACCESSION:AZ512326 ACCESSION:AZ579495	ACCESSION:AZ659755 ACCESSION:AZ861615	ACCESSION: ALISASTA	ACCESSION: AA953971 ACCESSION: A2491644	ACCESSION: A164850/ ACCESSION: BQ593528 ACCESSION: A1762378	ACCESSION: AW247673 ACCESSION: AW247673	ACCESSION: BM396258 ACCESSION: BM399757	ACCESSION: BM400820 ACCESSION: AZ764536 ACCESSION: BM396431
December 23, 2003, 16.75   19.5   1										AZ875718 AZ941907	TA327H04 TA389D09 TA45B04P AZ345438																	
Copyright (0) 1999 - 2003 Compagen Ltd.   Copyright (1) 1999 - 2003 Compagen Ltd.   Copyright (1) 1999 - 2003 Compagen Ltd.   Copyright (1) 1999 - 2003 Compagen Ltd.   Copyright (2) 1999 - 2003 Copyright (2) 1999	0000	255	2222	0 0 0 0 0 0 0 0	222	55 57 57 57 57 57 57 57 57 57 57 57 57 5	222	7 7 7 7	0 0 0 0	5 5 5	0000	500	20 21 19	119	7 7 T	611	 	. 6. 6	9 5 5	100	700	9 0 0	100	6 6 1 H H	17	17	117	17 129 15
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	GenCore version 5.1.6 (c) 1993 - 2003 Compugen	c - nucleic search, using sw	ember 23, 2003, 16:38:23 ; Search time 4 Seconds (without alignments) 1.902 Million cell updates/se	us-10-001-844-3 core: 1576 1 gcgaggcagccagcgagggagaggggcgcgggaggggcc 157	able: IDENTITY_NUC . Gapop 10.0 , Gapext 0.	segs, 2414	hits satisfying chosen parameters:	length: length:	Minimum Match 0% Maximum Match 100% Listing first 137		No. is the number of results predicted by chance to he greater than or equal to the score of the result being derived by analysis of the total score distribution.	SUMMARIE	% Query Core Match Length DB ID	1.4 31 1 AZ853311 ACESS	21 1.3 29 1 AZ/04230 ACCESS 9.6 1.2 26 1 AZ604431 ACCESS 9.2 1.2 25 1 AT762378 ACCESS	19 1.2 27 1 AZ604434 ACCESS 19 1.2 27 1 AZ649949 ACCESS	8:0 1.2 25 1 AZ4801588 ACCESS 7:6 1.1 24 1 AZ486765 ACCESS 7:6 1.1 24 1 AZ597705	7.6 1.1 25 1 AZ861766 ACCESS 7.2 1.1 23 1 AZ447239	7.2 1.1 24 1 A2375584 ACCESS 7.2 1.1 24 1 A2764494	6.8 1.1 21 1 AZ871389 ACCESS 6.2 1.0 21 1 AZ583408 ACCESS	6.2 1.0 21 1 AZ819539 ACCESS 6.2 1.0 22 1 AZ447246 ACCESS	6.2 1.0 22 1 A2764516 ACCESS 6.2 1.0 23 1 A2224328 ACCESS 7 A2224328 ACCESS ACCESS	5.8 1.0 20 1 AZ345513 ACCESS	5.6 1.0 22 1 A2326022 ACCESS 5.6 1.0 22 1 A2331687 ACCESS	5.6 1.0 62 1 A2344/80 ACCESS 5.6 1.0 22 1 A2344385 ACCESS 5.6 1.0 22 1 27244734	5.6 1.0 22 1 A2351203 ACCESS 5.6 1.0 22 1 A2353898 ACCESS	5.6 1.0 22 1 AZ358103 ACCESS 5.6 1.0 22 1 AZ427736 ACCESS	5.6 1.0 22 1 AZ447946 ACCESS 5.6 1.0 22 1 AZ438244 ACCESS 5.6 1.0 22 1 AZ438934 ACCESS

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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                   Best Local Similarity
Matches 25; Conserv
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2M0156L23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCZM0156L23 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. I toases 1 to 31.

Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                 ACCESSION: AZ649949
ACCESSION: AZ853311
                                                                                                ACCESSION: BM400746
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ACCESSION: AA918967
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ACCESSION: BM398341
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                                                                                                                                                                                                                                                                                            ACCESSION: BM396011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0156 row: L column: 23
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 31.
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/mol_type="genomic DNA"
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AZ967472
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AZ375584
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84112, USA
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AZ853311/c
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AUTHORS
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/lab host="E. Coli strain X110-Gold, T1-resistant, F-"
/lab host="E. Coli strain X110-Gold, T1-resistant, F-"
/cloc 11b="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/GU (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynantcally sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|q/32114 gp)|At29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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AZ764536.1 GI:12879599
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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17el: 801 585 5606
Fax: 801 585 7107
Email: ddunn@enetics.utah.edu
Ensert Length: 10000 Std Error: 0.00
Plate: 0560 row: A column: 24
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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llarity 83.3%; Pred. No. 3.8;
Conservative 0; Mismatches 5; Indels
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/mol_type="genomic DNA"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Location/Qualifiers
/db_xref="taxon:10090"
/clone="UUGC2M0156123"
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                                                                       sex="Male
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Query Match
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonicleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
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adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicallin resistance."
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1 (bases 2 to 26)
1 (bases 2 to 26)
1 (bases 3 to 26)
1 (bases 3 to 26)
2 (bases 3 to 36)
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/clone lib="Mouse 10kb plasmid Undc1m library"
/note="Wector: pwb4zvy, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/organisma"Mus musculus"
/mol_type="genomic DNA"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Location/Qualifiers
/db_xref="taxon:10090"
/clone="UUGC1M0560A24"
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                                                                        /sex="Male"
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Fax: 801 585 7177
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AZ604431/c
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Inducatory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared bNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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www-bio.lnl.gov/bbrp/image/image.html
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Tissue Procurement: Ilan Kirsch, M.D., Michael R. Emmert-Buck, M.D.
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NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
NCI-CGAP dancer Institute, Cancer Genome Anatomy Project (CGAP), Unpublished
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/wol_type="mRNA"
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/db_xref="taxon:10090"
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Homo sapiens
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Matches 22; Conserv
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FEATURES
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/db xref="Laxon:9500"
/clone="IMAGE:2394091"
/tissue_type="colon tumor, RER+"
/lab host="Pupe="colon tumor, RER+"
/lab host="Pupe="colon tumor, Petcor: pr773D-Pac (Pharmacia) with a host="Organ: Colon; Vector: pr773D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI; Plasmid DNA from the normalized library NCI CGAP Colo was prepared, and se circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from a pool of 5,000 clones made from the same library (cloneIDS 1057416-1061255, and 1144584-114551).
Subtraction by Bento Soares and M. Fatima Bonaldo. "

19 c 5 g 0 t
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AZ604434 1. GI:11726624
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse, Whole genome scaffolding with paired end reads from 10kb
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University of Utah Genome Center
University of Utah
Winiversity of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/clone_lb="Mouse lokb plasmid UdGZnH library"
/note="WetCr: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Brror: 0.00
Plate: 0425 row: I column: 18
Seg primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC1M0425I18"
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Mus musculus
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Fax: 801 585 7177
Email: ddunn@genet
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was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored bNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces ggl electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore and transformed into adaptore by a confine confine confine confine for any transformed into adaptored vector DNA, and transformed into adaptored for any transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
muculus CS7BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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1M0519P18R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0519P18 R, genomic survey sequence.
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1.2%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 11;
Matches 22; Conservative 0; Mismatches 5; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0519 row: P column: 18
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/orl.type="genomic DNA"
/strain="C57BL/6J"
/db.xref="taxon:10090"
/clone="UUGCIM0519F18"
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Location/Qualifiers
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Mus musculus
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AZ649949.1 GI:11783942
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Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished
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AZ649949/c
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VERSION
KEYWORDS
SOURCE
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SM Mus musculus (house mouse)

Mus musculus (house mouse)

Enkaryota, Metazoa, Chordata; Craniata, Vertebrata; Buteleostomi;

Enkaryota, Metazoa, Chordata; Craniata, Vertebrata; Buteleostomi;

Musmalla; Butheria, Rodentia, Sciurognathi; Muridae, Murinae, Mus.

En (bases 1 to 25)

Sunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly

M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

University of Utah Genome Center

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA
was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 Kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0168J04F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0168J04 F, genomic survey sequence.
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/clone="UUGC2M0168J04"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
linest Length: 10000 Std Error: 0.00
Plate: 0168 row: J column: 04
Seq primer: CGTTGTAAAACGACGGCCAGT
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/organism="Mus musculus"
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/strain="C57BL/6J"
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High quality sequence stop: 25.
Location/Qualifiers
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AZ861588/c
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectides kinase. Adaptor oligomuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chancally-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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AZ486765 8486765.1 GI:10653860
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Clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wedcor: PWD42nv: Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Liboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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Mus musculus
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 24)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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Fax: 801 582 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0315 row: D column: 09
Seg primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualiflers
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Best Local Similarity 84.0°
Matches 21; Conservative
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84112, USA
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AZ486765/c
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COMMENT
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase trase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., 18lam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone_lib="Mouse 10kb plasmid UNGCIM library"
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musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0411 row: G column: 07
Seq primer: CACACAGGAAACAGCTATGACC
Class: plaamid ends
High quality sequence stop: 24.
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches
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'mol_type="genomic DNA"
'strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0411G07"
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Fax: 801 585 7177
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was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor on ingonucleotides ware ligated to the blunt ends in high molar excess. The adaptored by kb range using preparative agarces gel. 10.5 kb range using preparative agarces gel. electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore to the sheared, adaptored mouse DNA was annealed to adaptored for ampliant resistance." (Stratagene) cells and selected for ampicillin resistance."
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Mulvarsity of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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AZ861766 AZ861766.1 GI:13058414
GSS.
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Mus musculus
Mus musculus
Mus maculus
Mus repeata; Craniata; Vertebrata; Euteleostomi;
Musmalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 25)
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/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Wetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/64 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
Plate: 0168 row: K column: 19
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
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/strain="C57BL/6J"
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|clone="UUGC2M0168K19"
|sex="Male"
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Fax: 801 585 7177
Email: ddunn@genet
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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/clone lib="Mouse 10kb plasmid Undclm library"
/note="Wector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0244 row: M column: 18
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 23.
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/strain="C57BL/6J"
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/clone="UUGC1M0244M18"
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Fax: 801 585 7177
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polywucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
I (bases 1 to 2)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly
A., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Brror: 0.00
Plate: 0129 row: F column: 04
Seq primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
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'organism="Mus musculus"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0129F04"
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet:
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Matches 19; Conservative
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase and T4 polymerase and T4 polymerase taken to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 24)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

ISlam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly

181am,H., Rose,M., Stokes,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D.,Weiss,R.
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/clone_lib="Mouse_lokb pleamid UDGCM library."
/note="Vector: PWD42Tv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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86.4%; Pred. No. 18;
tive 0; Mismatches 3; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: E column: 06
Seg primer: CACACAGGAAACAGGTAATGACC
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|mol_type="genomic DNA"
|strain="C57BL/60"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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/clone="UUGC1M0560E06"
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Best Local Similarity 86.4
Matches 19; Conservative
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Fax: 801 585 7177
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Unpublished
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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2M0184A14F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0184A14 F, genomic survey sequence.
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Unpublished
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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42zv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Location/Qualifiers
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase trase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0378 row: N column: 23
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0378N23"
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Fax: 801 585 7177
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84112, USA
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polywucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Best Local Similarity 85.7%; Pred. No. 21;
Matches 18; Conservative 0; Mismatches 3; Indels
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Fax: 801 585 7177
Eax: 801 585 7177
Insert Length: 10000 Std Error: 0.00
Plate: 0091 row: A column: 17
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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/db_xref="taxon:10090"
/clone="UUGC2M0091A17"
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AZ819539.1 GI:12989447
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Redentia; Sciurognathi; Muridae; Murinae; Mus.

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1 (bases 2)

1 (bases 3)

1 (bases 3)

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was blunt end-repaired with T4 DNA polymerase and T4 polymerase kinase. Adaptor oligomeclecides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|A7129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/clone_lib="Wedcor: PWD42rv; Purified genomic DNA from M.
musculus G57BL/G (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0244 row: E column: 23
Seg primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0244E23"
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was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarcse gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (sij 4732114) [4pk hz29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone="Vector: PWD42ny: Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
misculus C57BL/67 (male) was obtained from the Jackson
(http://www.jax.csentres/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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1M0560112R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0560112 R, genomic survey sequence.
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Bunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
0.005 inch orifice at constant velocity. The sheared DNA
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCIM0560112"
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Best Local Similarity 85.7
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E. (Dases i to 24)
E. Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Moude whole genome scaffolding with paired end reads from 10kb plasmid inserts
Diplasmid inserts
Diplasmid inserts
University of Utah Genome Center University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/clone_lib="Mouse 10kb plasmid Unc1M library"
/note="Wector: PWB-2Try, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0046 row: B column: 16
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
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/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="texon:10090"
/clone="UGCIM0046B16"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 85.77
Matches 18; Conservative
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Fax: 801 585 7177
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase trass. The saled to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42pry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.obcaneaddocuments/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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1M0560L11R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0560L11 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
Tel: 801 585 5606
Fax: 801 585 717
Email: doinnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: L column: 11
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/mol_type="genomic DNA"
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High quality sequence stop: 23.
Location/Qualifiers
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Best Local Similarity 85.7
Matches 18; Conservative
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore for an transformed into chemically-competent S. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGC1M library"

/noce="Vector: PWD421N'; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resources

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a
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University of Utah Genome Center
University of Utah
Rm. 309, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: J column: 04
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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High quality sequence stop: 20.
Location/Qualifiers
1.20
/organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1553 GGGGGAGGGCGCGGAGGGG 1573
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AZ345513.1 GI:10424750
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Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18; Conservative
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polywucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0048 row: K column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plaamid ends
High quality sequence stop: 22.
High quality sequence stop: 22.
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done lib="Mouse 10kb plasmid UdCIM library"
/note="Vector: PMD42nry: Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
/http://www.jax.colf/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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Wis musculus
Eukaryota, Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
I (bases 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
A.M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
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University of Utah Genome Center
University of Utah
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|A7129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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Dunn, D., Aoyagi, A.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.,
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Insert Length: 10000 Std Error: 0.00
Plate: 0059 row: I column: 17
Seq primer: CACACAGGAACAGCTATGACC
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/ organism="Mus musculus"

/ mol type="genomic DNA"

/ strain="C57BL/6J"

/ db xref="taxon:10090"

/ clone="UUGCIMO059117"
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High quality sequence stop: 22.
Location/Qualifiers
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Mus musculus (house mouse)
Mus musculus
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Best Local Similarity 81.83
Matches 18; Conservative
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Fax: 801 585 7177
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0070C06F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0070C06 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse lokb plasmid UUGCIM library"
/note=""vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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81.8%; Pred. No. 30;
tive 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0070 row: C column: 06
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plaamid ends
High quality sequence stop: 22.
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/strain="C57BL/6J"
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/clone="UUGC1M0070C06"
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Mus musculus
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AZ338780,1 GI:10412393
GSS.
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@geneti
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Best Local Similarity 81.8
Matches 18; Conservative
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AZ338780
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase transfer anger of adaptor oligomerase series The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4712114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

(Dases 1 to 22)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

I., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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/note="Vector: PWD42nv; Purified genomic DNA from M.musculus G57BL/64 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
dlasert Length: 10000 Std Brror: 0.00
Plate: 0078 row: D column: 23
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Class: plaamid ands
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Location/Qualifiers
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strain="C57BL/6J"
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clone="UUGC1M0078D23"
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AZ344385
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase transfer kinase. Adaptor oligomedies were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42Try; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Brror: 0.00
Plate: 0082 row: B column: 09
Seg primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/mol type="genomic DNA"
/strain="C57BL/61"
/db xref="taxon:1009"
/clone="UUGC1M0082B09"
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase and T4 polymerase kinase. Adaptor oligomiclecides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4712114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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22 bp DNA linear GSS 29-SEP-2000
1M0089C07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0089C07 F, genomic survey sequence.
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was hydrodynamically sheared by repeated passage through a
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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/clone_llb="Mouse 10kb plasmid UGCIM library"
/note="Wector: PWB4Znv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0089 row: C column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/strain="C57BL/6J"
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clone="UUGC1M0089C07"
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Mus musculus
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AZ351203.1 GI:10430440
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Fax: 801 585 7177
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AZ351203
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was blunt end-repaired with T4 DNA polymerase and T4 polywerase thase. Adaptor oligonelecties were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gal electrophoresis. Westor DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored to a competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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AZ353898.1 GI:10464859
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Mus musculus

Mus musculus

Mus musculus

Muscaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 22)

Dunn,D., Aoyagi,A., Barber,M., Bacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacrs.S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

Mouse whole genome scaffolding with paired end reads from 10kb

Dipublished
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42ny; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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1.0%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0092 row: P column: 24
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
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/db_xref="taxon:10090"
/clone="UUGC1M0092P24"
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Fax: 801 585 7177
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase thase. Adaptor oligomeclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacree,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
and Wright,D.,Weiss,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse whoole genome scaffolding with paired end reads from 10kb
Unpublished
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81.8%; Pred. No. 30;
trive 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0100 row: P column: 09
Seq primer: CGTGTAAAACGACGCCAGT
Class: plaamid ends
High quality sequence stop: 22.
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strain="C57BL/6J"
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clone="UUGCIM0100P09"
sex="Male"
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Best Local Similarity 81.8
Matches 18; Conservative
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Fax: 801 585 7177
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase and T6 polymerase and T7 polymerase an
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University of Utah Genome Center
University of Utah Genome Center
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tell 801 585 7676
Fax: 801 585 7167
Email: ddunnagenetics.utah.edu
Insert Length: 1000 Std Brror: 0.00
Plate: 0209 row: I column: 21
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ende
Class: plasmid ende
Ilocation/Qualifiers
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedereen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus CS7BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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/clone="UUGC1M0209121"
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase transfer in as Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4712114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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A2437946
A437946.1 GI:10561959
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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81.8%; Pred. No. 30;
tive 0; Mismatches
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0226 row: N column: 07
Seq primer: CACACAGGAAACAGCTATGACC
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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clone="UUGC1M0226N07"
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polywucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into capacity competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Tel: 801 S85 506
Fax: 801 S85 7177
Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0228 row: A column: 16
Seq primer: CGTGTAAAACGACGCAGT
Class: plaamid ends
High quality sequence stop: 22.
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0228A16"
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1 (bases 2)

1 (bases 2)

1 (bases 2)

1 (bases 2)

1 (bases 3)

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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0229 row: J column: 13
Seg primer: CGTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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strain="C57BL/6J"
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clone="UUGC1M0229J13"
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AZ438934.1 GI:10562947
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Fax: 801 585 7177
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AZ438934/c
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuralectic kinase. Adaptor or oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agances gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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22 bp DNA linear GSS 03-OCT-2000
1M0233016F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0233016 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah Genome Center
Wh. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
112, USA
113, USA
1177
Email: ddunn@genetics.utah.edu
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/sex="Male"
/lab.host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42Ir; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0233 row: 0 column: 16
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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Local Similarity 81.8%; Pred. No. 30;
nes 18; Conservative 0; Mismatches
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/strain="CS7BL/6J"
/db_xref="taxon:10090"
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AZ441517/C
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gallectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
TRM. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AZ456332 22 bp DNA linear GSS 04-OCT-2000 1M0259A10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0259A10 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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/clone lib="Mouse 10kb plasmid UDGIM library"
/note="Wector: PWD42try, Purified genomic DNA from M.
musculus C57BL/6J (Male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0259 row: A column: 10
Seg primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/organism="Mus musculus"
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/strain="C57BL/6"
/db_xref="taxon:10090"
/clone="UUGCIM0259A10"
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Mus musculus
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AZ456332.1 GI:10614457
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Fax: 801 585 7177
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AZ456332/c
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore the sheared, adaptored mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wetcor: PWD42vry: Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resources/documents/dnares/). The DNA was hydrodynanically sheared by repeated passage through a
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musnae; Mus.

(bases 1 to 22)
Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,
Mouse whole genome scaffolding with paired end reads from 10kb
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1.0%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0262 row: E column: 02
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0262E02"
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was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chancally-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
8412, USA
Th: 801 585 5606
Fax: 801 585 7177
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWD42rr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0271 row: G column: 10
Seg primer: CGTTGTAAAACGACGACCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 1.0%; Score 15.6; D
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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AZ462694.1 GI:10620819
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase but the repaired kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore and transformed into competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0310H06F Mcuse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0310H06 F, genomic survey sequence.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
I (bases I to 22)
Dunn,D., Aoyadi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
A.M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse, Whole genome scaffolding with paired end reads from 10kb
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University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Insert Length: 10000 Std Error: 0.00
Plate: 010 row: H column: 06
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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/clone="UUGCIM0310H06"
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Fax: 801 585 7177
Email: ddunn@genet
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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81.8%; Pred. No. 30;
tive 0; Mismatches 4; Indels
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC1M0315I03"
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                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus (house mouse)
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GSS.
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Best Local Similarity 81.89
Marches 18; Conservative
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AZ486750/c
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polywucleotide kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42rr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0369 row: E column: 16
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0369E16"
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@geneti
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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S Dunn,D., Aoyagi,A., Barber,M., Beaccrn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.

Lundublished Genome scaffolding with paired end reads from 10kb plasmid inserts
University of Utah Genome Center
University of Utah Genome Center
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/clone lib="Mouse 10kb plasmid UJGCIM library"
/note="Vector: PWD42ny; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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1.0%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4; Indels
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Fax: 801 585 7177
Flate: 0389 row: D column: 12
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/organism="Mus musculus"
/orl_type="genomic DNA"
/strain="C57B1/6J"
/db_xref="taxon:10090"
/clone="UUGCIM0389D12"
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase takes some the polymerase and T4 and T6 polymerase some T6 polymerase takes adaptored to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into capacing vector DNA, and transformed into capacing to a selected for ampicillin resistance."
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AZ590221
AZ590321.1 GI:11712511
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Mus musculus

Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Musmania, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 22)

10 (bases 1 to 22)

11 (bases 1 to 22)

12 (bases 1 to 22)

13 (bases 1 to 22)

14 (bases 1 to 22)

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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G77BL/60 (male) was obtained from the Jackson
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
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Insert Length: 10000 Std Error: 0.00
Plate: 0399 row: C column: 23
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="CS7BL/6J"
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Fax: 801 585 7177
Email: ddunn@genet
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AZ590321
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore for and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1M0411P07R Mouse 10kb plasmid UUGCIM linear GSS 13-DEC-2000 Linear UUGCIM0411P07R, genomic survey sequence.
AZS97625 AZS97625.1 GI:11719815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library.
/note="Vector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0411 row: P column: 07
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/mol type="genomic DNA"
/stain="c57EL/60"
/db xref="taxon:10090"
/clone="TUGCIM0411P07"
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22 bp DNA linear GSS 13-DEC-2000
1M0422F06F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0422F06 F, genomic survey sequence.
AZ602985.1 GI:11725175
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
171: 801 S85 506
Pax: 801 S85 717
Email: ddunmagenetics.utah.edu
Email: ddunmagenetics.utah.edu
Insert Length: 10000 Std Brror:
Plate: 0422 row: F column: 06
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Eukaryota, Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Malmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
0.005 inch orifice at constant velocity. The sheared DNA
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/clone lib="Mouse 10kb plasmid UUGClM library"
/note="Vector: PWD42Lv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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1.0%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4; Indels
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Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/strain="C57BL/6J"
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/clone="UUGC1M0422F06"
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase and T4 polymerase and T4 polymerase thase. Adaptor oligonocleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chanically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Genome Center
Windersity of Utah
WR. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/clone_lib="Mouse lokb plasmid UUGCIM library"
/clone_lib="Wector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Blam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Walse, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Error: 0.00
Plate: 0504 row: N column: 21
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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1.0%; Score 15.6; Dest Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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organism="Mus musculus"
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strain="C57BL/6J"
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clone="UUGC1M0504N21"
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
University of Utah
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Hen: 30.8
Hen: 885 5006
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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/lab.host="B. Coli strain XLIO-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.(
Plate: 0505 row: J column: 06
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ende
High quality sequence stop: 22.
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81.8%; Pred. No. 30;
tive 0; Mismatches
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/organism="Mus musculus"
/orl_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0505J06"
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Matches 18; Conserva
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AZ642494/c
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RESULT 48
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Yector: PWD42rv; Putified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
Plate: 0513 row; H column: 19
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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// Organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCIM0513H19"
/sex="Male"
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Location/Qualifiers
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Mus musculus
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AZ647408.1 GI:11778843
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Best Local Similarity 81.8<sup>5</sup>
Matches 18; Conservative
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Fax: 801 585 7177
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AZ647408
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase transfer in mass. The adaptored bna was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis vector bna was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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Unpublished
Unpublished
University of Utah Genome Center
University of Utah
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1MD564A03R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0564A03 R, genomic survey sequence.
AZ766712
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Mus musculus

Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Bummalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 22)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, M., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly,

M., Rose, M., Rose, R.,

and Wright, D., Waiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/60 (male) was obtained from the Jackson
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Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0564 row: A column: 03
Seq primer: CACACAGGAAACAGCTATGACC
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0564A03"
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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AZ767823 GI:12886316
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C578L,60 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
Plate: 0567 row: K column: 20
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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1 Similarity 81.8%; Pred. No. 30;
18; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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clone="UUGC1M0567K20"
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Fax: 801 585 7177
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Matches 18; Conserv
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was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and remaind the sheared, adaptored mouse DNA was annealed to adaptored for ampliant E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0009B07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0009B07 F, genomic survey sequence.
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Mus musculus

Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

I (Dases 1 to 23)

Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,A., Rose,M., Rose,R., Stokkes,R., Tingey,A., von Niederhausern,A.

and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb
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plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD421vr, Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 717
Eax: 801 585 7177
Email: ddunn@genetics.utah.edu
Inmert Length: 10000 Std Error: 0.00
Plate: 0009 row: B column: 07
Seg primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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1.0%; Score 15.6; Dest Local Similarity 81.8%; Pred. No. 30; Matches 18; Conservative 0; Mismatches
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase and T4 polymerase trase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gellectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|A7129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and transformed into adaptored vector DNA, and transformed into adaptored by a complementary to the insert adaptors and adaptored vector DNA, and transformed into adaptored vector DNA.

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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 22)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly,

And Wright, D., Weiss, R.,

Mouse whole genome scaffolding with paired end reads from 10kb

Unpublished
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MOOISKOIR Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2MOOISKOI R, genomic survey sequence.
AZ779302
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Insert Length: 10000 Std Error: 0.00
Plate: 0015 row: K column: 01
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Fax: 801 585 7177
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ò g TITLE

COMMENT

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University of Utah Genome Center
University of Utah
Warsity of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wector: PWD42nv: Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.col/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0019B10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0.019 row: B column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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1.0%; Score 15.6; D
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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/mol type="genomic DNA"
| Errain="C57BL/6J"
| db xref="taxon:1009"
| clone="UUGC2M0019B10"
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AZ781352.1 GI:12913959
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., 181am, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22 bp DNA linear GSS 16-FEB-200 close 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCZM0037C03 F, genomic survey sequence. AZ789340.1 GI:12930036 GSS.
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/clone_lib="Mouse_10%b plasmid_UUGCIM_library"
/note="Vector: PWD42nv, Purified genomic_DNA from M.
musculus_C57BL/60_(male) was obtained from the Jackson
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81.8%; Pred. No. 30;
ive 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0037 row: C column: 03
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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clone="UUGC2M0037C03"
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Fax: 801 585 7177
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Matches 18; Conserv
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Nm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Acyal, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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2M0066K02R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Insert Length: 10000 Std Brror: 0.00
Plate: 0066 row: K column: 02
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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81.8%; Pred. No. 30;
tive 0; Mismatches
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/mol_type="genomic DNA"

/mol_type="genomic DNA"

/strain="C57Bn/64"

/db_xref="taxon:10090"

/clone="UUGC2M0066K02"
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Matches 18; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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AZ805250/c
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into calented for amplicillin resistance."
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22 bp DNA linear GSS 20-PEB-2001
ZM0669A10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCZM0069A10 F, genomic survey sequence.
AZ806801. GI:12970514
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University of Utah Genome Center
University of Utah
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longaore, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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/clone lib="Mouse 10kb plasmid UTGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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81.8%; Pred. No. 30;
rative 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0069 row: A column: 10
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/organism="Mus musculus"
/mol_type="genomic DNA"
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/db_xref="taxon:10090"
/clone="UJGC2M0069A10"
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Best Local Similarity 81.8°
Matches 18; Conservative
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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University of Utah
University of Utah
Wei. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
1985 5606
Tel: 801 585 5707
Exa: 801 585 717
Exa: 100 585 5706
Sex perimer Length: 10000 Std Exror: 0.00
Plate: 0070 row: I column: 07
Seq primer: CGTTCTAAAACGACCCAGT
Class: plasmid ends
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Mus musculus
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
Unpublished
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42Ivy Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/clone="UUGCZM0070107"
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Location/Qualifiers
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GSS.
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FEATURES
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase blunt end-repaired with T4 DNA polymerase and T4 polymerase blunt end-repaired kinase. Adaptor oligomeclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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/clone_lib="Mouse lokb plasmid UUGCIM library"
/clone=lib="Wector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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10 (bases 1 to 22)

11 (bases 1 to 22)

12 (bases 1 to 22)

13 (bases 1 to 22)

14 (bases 1 to 22)

15 (bases 1 to 22)

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Insert Length: 10000 Std Error: 0.00
Plate: 0071 row: K column: 19
Seq primer: CGTTGTPAAAACGACGCCAGT
Class: plasmid ends
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1.0%; Score 15.6; D
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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/strain="C57EL/C0"
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/clone="UUGGCM0071K19"
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Location/Qualifiers
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Fax: 801 585 7177
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KEYWORDS
SOURCE
ORGANISM
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AZ808089/c
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Clone lib="Mouse 10kb plasmid UNGCIM library"
/note="Woctor: PWD42ny: Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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Mus musculus

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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0083 row: A column: 05
Seg primer: CGTTGTAAAACGACGCCAGT
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/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC2M0083A05"
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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AZ817117.1 GI:12987025
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bummalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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81.8%; Pred. No. 30;
tive 0; Mismatches 4; Indels
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Fax: 801 585 7177
Enail: ddunn@genetics.utah.edu
Enail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0086 row: 0 column: 12
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC2M0086012"
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Best Local Similarity 81.8
Matches 18; Conservative
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Unpublished
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AZ817117/c
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was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor or aligonucleotides were ligated to the blunt ends in high molar excess. The adaptored bnA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored for ampicillin resistance."
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Contact: Robert B. Weiss
University of Urah Genome Center
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.osources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Dunn, B., Aoyagi, A., Barber, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 1:0%; Score 15.6; DB 1; Length 22; Best Local Similarity 81.8%; Pred. No. 30; Matches 18; Conservative 0; Mismatches 4; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0102 row: M column: 15
Seg primer: CGTTGTAAAACGACGCCAGT
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Location/Qualifiers
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase bunt end-repaired with T4 DNA polymerase and T4 polymerase to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 k range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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84112, USA
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/clone lib="Mouse 10kb plasmid UDGCIM library"
/note="Wector: PWD4ZIV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0173 row: I column: 18
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Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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AZ864279.1 GI:13063421
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Matches 18; Conservative
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Fax: 801 585 7177
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor o ligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore and transformed into adaptored to a complementary to the insert adaptors and adaptored vector DNA, and transformed into adaptored to a dealed to a completent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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GSS.
Mus musculus (house mouse)
SM Mus musculus (house mouse)
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
E 1 (Dases 1 to 22)
Sunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
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Tel: 801 585 566
Fax: 801 885 7177
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Insert Length: 10000 Std Error: 0.00
Plate: 0190 row: G column: 19
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi]4732114[gb]API29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillar resistance."
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E H11,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
A kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999)
Email: nelsayed@tigr.org
petails of T. brucei sequencing at the Sanger Centre are available
at http://www.aanger.ac.uk/Projects/T_brucei/.
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches 4;
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/mol type="genomic DNA"
/strain="TREU927"
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/clone="327h04"
0 c 22 q
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(bases 1 to 22)
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TA327H04P
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JOURNAL
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was blunt end-repaired with T4 DNA polymerase and T4 polymerase trase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|A7129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ941907 22 bp DNA linear GSS 26-APR-2001 clone UNGCZMO201A19R Mouse 10kb plasmid UUGC2M library Mus musculus genomic AZ941907
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clone lib="Mouse 10kb plasmid UNGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus GS7BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 318, Biomedical Polymers Research Bldg., 20
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Insert Length: 10000 Std Error: 0.00
Plate: 0201 row: A column: 19
Seq primer: CACACAGGAAACAGCTATGACC
Class: plaamid ends
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81.8%; Pred. No. 30;
cive 0; Mismatches
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              High quality sequence stop: 22.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 81.8:
Matches 18; Conservative
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Fax: 801 585 7177
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AZ941907/c
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU97/4 GUTat 10.1) was mechanically sheared
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Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
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Mus musculus
Mus maculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musnae; Mus.

(bases 1 to 20)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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Tel: 801 585 5606
Fax: 801 585 7606
Fax: 801 585 71000
Std Bror: Column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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  Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
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/mol_type="genomic DNA"
/strāin="TREU927"
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1.0%; Score 15.6; D
Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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/mol type="genomic DNA"
strain="C57BL/60"
/db xref="taxon:10090"
/clone="UUGCIM0080F08"
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Context: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/clone="45b04"
22 c 0 g
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AZ345438.1 GI:10424675
                            nhl@sanger.ac.uk
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AZ345438/c
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AL453937
GL453937.1 GI:11856114
GSS.
                                                                                           22 bp DNA linear GSS 13-DEC-2000
T. brucei sheared genomic DNA clone 389409, forward sequence,
genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nhi@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Constructed at the Institute for Genomic Research (TIGR),
Constructed at the Institute for Genomic Doblation of
Trypanosoma brucei (TEB037/4 Julat 10.1) was mechanically sheared
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4 kb). The v + i method used for the library construction is
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insert libraries for whole genome shotgun sequencing small
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Trypanosoma.

(bases 1 to 22)

Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,

Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,

Melville, S. B., Rajandream, M.A. and Barrell, B.G.

Submission

Submitted (LobEC-2000) Trypanosoma brucei genome sequencing

project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 iSA, E-mail: barrell@sanger.ac.uk and
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1 (bases 1 to 22)
Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
                                                                                                                                                                                                                                                                                                                     Eukaryota, Euglenozoa, Kinetoplastida, Trypanosomatidae,
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Eukaryota, Euglenozoa, Kinetoplastida, Trypanosomatidae,
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/mol_type="genomic DNA"
/strain="TREU927"
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Best Local Similarity 81.8%; Pred. No. 30;
Matches 18; Conservative 0; Mismatches
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/clone="389d09"
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1 GGGGGGGGGGGGGGGGG 22
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Trypanosoma brucei
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TA45B04P/c
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/clone lib="Mouse lots plasmid UvGCIM !lresistant, F""
/clone lib="Mouse lots plasmid UvGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus G79EL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was Mydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide Kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 Kb range using preparative agarose gel
electrophoresis Vector DNA was prepared from a derivative
of PWD42 (gi|473214|gd)APL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AZ426899 20 bp DNA linear GSS 03-OCT-2000 1M0208A08R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0208A08 R, genomic survey sequence.
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
Unpublished
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Ilseart Length: 10000 Std Error: 0.00
Plate: 0208 row: A column: 08
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85.0%; Pred. No. 29;
tive 0; Mismatches
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6g"
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/clone="UUGC1M0208A08"
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AZ426899.1 GI:10550912
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Best Local Similarity 85.0°
Matches 17; Conservative
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AZ426899/c
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 k range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gil 4792.114 [gb] ARI29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Brber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
/lab_host="E. Coli strain XLIO-Gold, TI-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Toctor: PMD42nv; Purified genomic DNA from M.
musculus C57BL/64 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
Plate: 0510 row: B column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plaemid ends
High quality sequence stop: 20.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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Best Local Similarity 85.0
Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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AZ645269/c
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/G1 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the finsert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
dagatored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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2M0097D24F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
alone UUGCZM0097D24 F, genomic survey sequence.
AZ823365 1 GI:12993273
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University of Utah Genome Center
University of Utah
Nm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Insert Length: 10000 Std Error: 0.00
Plate: 0097 Tow: D column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Mus musculus
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Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
muscullus G57BL/G1 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared by as blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (qi|q'32114 gb) Harsmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored for ampicillin resistance."

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19 g
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University of Utah
University of Utah
Rm. 108, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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1 (bases 1 to 21)
2 (bann, D., Acyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1.0%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 29;
Matches 17; Conservative 0; Mismatches 3; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: H column: 08
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/artain="c57BL/67"
/db xref="taxon:10090"
/clone="UUGCIM0080H08"
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AZ345794.1 GI:10425031
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
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               /close 1155-Mouse 10kb plasmid UUGCIM library...
//close 1155-Mouse 10kb plasmid UUGCIM library...
//note="Westor: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource...
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the lineart adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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85.0%; Pred. No. 32;
tive 0; Mismatches 3; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0209 row: G column: 19
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UJGC1M0209G19"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /sex="Male
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Best Local Similarity 85.0°
Matches 17; Conservative
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Fax: 801 585 7177
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Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared by repeated passage through a 0.005 inch orifica at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Diamid inserts

Unpublished
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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88.9%; Pred. No. 31;
tive 0; Mismatches 2; Indels
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University of Utah Genome Center
University of Utah
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AZ447248.1 GI:10599044
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Best Local Similarity 88.9
Matches 16, Conservative
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
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musculus G57BL/60 (male) was obtained from the Jackson
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adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AFL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xi10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Genome Center
University of Utah
With Selection Bloomer's Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 S85 5606
Email: ddunn@genetics.utah.edu
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Rellly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 10000 Std Error: 0.00
Plate: 0158 row: P column: 15
Seg primer: cGTTGTAAAACGACGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/60"
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clone="UUGC2M0158P15"
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Mus musculus
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/lab_host="E. Coli strain X110-Gold, T1-resistant, F-"
/clone 11b="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
muscullus G7BL/G( male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|q/32114|gb|_RR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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2M0238L20F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0238L20 F, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0238 row: L column: 20
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC2M0238L20"
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AZ967472.1 GI:13838699
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Wouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42zry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifica at constant velocity. The sheared DNA
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polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/note="Organ: liver; Vector: pCMV-SPORT4; Site_1: Sall;
Site_2: Not1; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 0.8 kb."
a Average ilsert 1 g 2 t
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NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National cancer Institute, Cancer Genome Anatomy Project (CGAP), Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.9%; Score 14.4; DB 1; Length 25; 75.0%; Pred. No. 61; tive 0; Mismatches 6; Indels
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Trace considered overall poor quality
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
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Email: cgapbs-r@mail.nih.gov
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Best Local Similarity 75.0%
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/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clon=lib="Mouse 10kb plasmid UUGCZM library"
/notes="Verol: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G0 (female) was obtained from the Jackson
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 566
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0168 row: J column: 04
Seq primer: CGTTGTAAAACGACGGCAGT
Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
Mus musculus
Mus musculus
Mus musculus
Mus musculus
Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.9%; Score 14.8; DB 1; Length 21; 88.9%; Pred. No. 38; 2; Indels tive 0; Mismatches 2; Indels
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/b_xref="taxon:10090"
/clone="UUGC2M0168J04"
/sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      High quality sequence stop: 25.
Location/Qualifiers
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Best Local Similarity 88.9°
Matches 16; Conservative
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DEFINITION
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AZ861588
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COMMENT
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Gaps

AA995094 LOCUS DEFINITION

RESULT 78

ઠે 셤 ORGANISM

VERSION KEYWORDS SOURCE

ACCESSION

AUTHORS TITLE

REFERENCE

JOURNAL

COMMENT

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Contect: Robert B. Weise
Contect: Robert B. Weise
University of Utah Genome Center
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 S85 5606
Rax: 801 S85 5606
Rax: 801 S85 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0005 row: I column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Inductible Cyford was Decarmed from the Darkson Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwalp (gi|4732114|gb|R129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                        Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dass 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UDGCIM library."
/note="Wector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        mol type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              clone="UUGC1M0005115"
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                                                             Mus musculus (house mouse)
Mus musculus
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AZ305212.1 GI:10342003
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                                                                                                                                                                                                                                                                                                                                                                                     plasmid inserts
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Best Local Similarity
Matches 16; Conserv
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AZ345894/c
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/do_xref="Laxon:9606"

/dlone='ITMAGE:163040"

/dlone='ITMAGE:163040"

/dlone='ITMAGE:163040"

/dlone='ITMAGE:163040"

/dlone='ItMage: 16204P Kid3"

/dlone='ItMage: 16204P Kid3"

/dlone='ItMage: 16204P Kid3"

/double-stranded cDNA was ligated to ECo RI adaptors a grand cDNA was primed with a Not I - oligo(dT) primer, double-stranded cDNA was ligated to ECo RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. mRNA source: 2 pooled kidneys Library went through one round of normalization. Library constructed by Bento Soares and M. Patima Bonaldo.

8 a 10 c 1 g 0 t
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                                                                                                                                                                                                                                                   AA995094 linear EST 27-AUG-1998 wRNA linear EST 27-AUG-1998 wordsgd09 to INACE:1655040 3' similar to TR:069566 contains TAR1.t2 MER35 repetitive element ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert Strausberg, Ph.D.
Email: cgapbs.remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
DNA Sequencing by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NOT-GGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LINL at:
www-bio.llnl.gov/bbrp/image/image.html
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1 (Dases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
Thmor Gene Institute, Cancer Genome Anatomy Project (CGAP), Unpublished
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Trace considered overall poor quality Insert Length: 1087 Std Error: 0.00 Seq primer: -40ml3 fwd. ET from Amersham High quality sequence stop: 1. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.9%; Score 14.2; D
84.2%; Pred. No. 40;
cive 0; Mismatches
                              1370 GGGGGGGGGGGGGAGAG 1388
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Homo sapiens
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Best Local Similarity 84.2
Matches 16; Conservative
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FEATURES

LOCUS

ACCESSION

RESULT 79 AZ305212/c

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SASE COUNT

ORGANISM

VERSION KEYWORDS SOURCE

REFERENCE AUTHORS

JOURNAL COMMENT

TITLE

FEATURES

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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000
Std Error: 0.00
Plate: OffTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="mode." Coli strain XL10-Gold, T1-resistant, F-"
/slab_host="BC. Coli strain XL10-Gold, T1-resistant, F-"
/clone 11b="Wouse 10kp plasmid UUGCIN library"
/note="Wedcur: PWAZINY, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMAZ (grif JA722114[gb]AR129072.1); a copy.number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. I (bases 1 to 19)

Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouee whole genome scaffolding with paired end reads from 10kb plasmid inserts
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T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/60"
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/clone="UUGC1M0182J17"
                                                             Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         332 AGGTATGAAGGGAAGATCT 350
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      AZ410166.1 GI:10534179
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Conservative
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Best Local Similarity
Matches 16; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished
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/note="Wedcror: PWAPIRY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide Kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gal
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi | 4732114|gb|AF123072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                             Mus musculus (house mouse)
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Ciurognathi; Muridae; Murinae; Mus.

(bases 1 to 19)
Bunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, M., Rose, M., Rose, M., Rose, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ410166 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0182J17 F, genomic survey sequence.
AZ410166
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Best Local Similarity 84.2%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches
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Plate: 0080 row: C column: 24
Seg primer: CACAGGAAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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AZ345894.1 GI:10425131
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RESULT 81 AZ410166/c DEFINITION

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Inducatory Mouse DAR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. 1 (Dases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malam, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Waiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
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musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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llarity 84.2%; Pred. No. 40;
Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0209 row: N column: 19
Seq primer: CACACAGGAAACAGCTATGACC
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High quality sequence stop: 19.
Location/Qualifiers
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/clone="UUGC1M0209N19"
                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                      Mus musculus (house mouse)
Mus musculus
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       AZ427750.1 GI:10551763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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AZ493581/C
VERSION
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/clone_weetor: PWD4Znv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was burleneoride kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb ange using preparative agances gal
electrophoresis, vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                    Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Blaim, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 19)
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0.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308_ Biomedical Polymers Research Bldg., 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Insert Length: 10000 Std Error: 0.00 Plate: 0328 row: A column: 24 Seq primer: CGTTGTAAACGACGAGT Class: plasmid ends
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/mol type="genomic DNA"
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/clone="UUGCIM0328A24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Rm. 309, Biomedical Polymers Re
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Location/Qualifiers
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Mus musculus (house mouse)
Mus musculus
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ORGANISM

VERSION KEYWORDS SOURCE

REFERENCE AUTHORS

JOURNAL COMMENT

TITLE

FEATURES

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(http://www.house DAR Aresolute
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwaped (gif 4732114 [gb] A7129072.1), a copy number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli X110-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. I bases 1 to 19.

Dum, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                     Contract: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.; SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /sex="Male"
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/note="Vector: PWD42rr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0081 row: A column: 01
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /db_xref="taxon:10090"
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                                                           Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ813861.1 GI:12983865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ilarity 84.2%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                              Unpublished
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                        KEYWORDS
SOURCE
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AZ861832
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                                                                                                                                                                                                      AUTHORS
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   VERSION
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                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata; Buteleostomi;
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Murinae; Mus.
E. (Dases 1 to 19)
E. (Dases 1 to 19)
E. Joyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Beacorn, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
L. Unpublished Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /sex="Male"
/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                High quality sequence stop: 19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.9%; Score 14.2; I
84.2%; Pred. No. 40;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/60"

/db xref="taxon:10090"

/clone="UUGCIMO554N21"
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                                                       Mus musculus (house mouse)
Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19 GGGAGGGGGGGGGGGG 1
AZ760597.1 GI:12868613
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Best Local Similarity
Matches 16; Conserva
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Gaps ö

> RESULT 85 AZ813861/c DEFINITION

g

ACCESSION

BASE COUNT

VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS

JOURNAL

COMMENT

TITLE

FEATURES

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/lab host="E" col; strain XLIO-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="WetCor: PWD42nv; Purifited genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resources
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose get a 9.5 to
10.5 kb range using preparative agarose gfrom a derivative
of pwD42 (gi|473214|gp]AF129702.1); a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XIIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
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20 bp DNA linear GSS 29-SEP-2000
1M0052A07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0052A07 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                            Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. (Dases 1 to 19)

Dunn,D., Aoyagi,B. Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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34.2%; Pred. No. 40;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           University Biomeurum.

RM. 308, Biomeurum.

84112, USA
Tel: 801 585 506
Fax: 801 585 717
Email: dduni@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0.264 row: H column: 0.2
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.

Location/Qualifiers

Location/Qualifiers
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Matches 16; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1. .19
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strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC2M0264H02"
                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                Mus musculus (house mouse)
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   AZ983014.1 GI:13854241
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                                                                                              Mus musculus
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AZ328703
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                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
TRM. 308, Blomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AMSSOULS STARTS TO DNA Linear GSS 27-APR-2001 2M0264H02F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0264H02 F, genomic survey sequence. AZ983014
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0
                                                  Mus musculus (house mouse)

Mus musculus

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(Dases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Rellly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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/notes="Vector: PWD4ZLY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0168 row: H column: 21
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
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'mol_type="genomic DNA"
'strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          db_xref="taxon:10090"
clone="UUGC2M0168H21"
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AZ861832.1 GI:13058546
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Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished
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RESULT 87 AZ983014/c LOCUS

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DEFINITION

ACCESSION

BASE COUNT

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gil 4792114) [pl ARL29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored for ampleillin resistance."

o and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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20 bp DNA linear GSS 13-DEC-2000 IND657C13F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0367C13 F, genomic survey sequence.
AZ579495
                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Unpublished
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="Male"
/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0357 row: I column: 18
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                         Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                    AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                       JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AFL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                         Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. L (bases 1 to 20).

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Wale"
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musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 44;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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Location/Qualifiers
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                                                                         Mus musculus (house mouse)
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ORGANISM

VERSION KEYWORDS SOURCE

REFERENCE AUTHORS

JOURNAL

COMMENT

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FEATURES

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// Jab hose="B. Coli strain XIIO-Gold, Tl-resistant, P-"
// Jab hose="B. Coli strain XIIO-Gold, Tl-resistant, P-"
// Cole= lib="Mouse lok plasmid UUGCIM library"
// Note="Vector: PWD42IV; Purified genomic DNA from M.
// Musculus C57BI/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
// Antip://www.jax.org/resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligomuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarcse gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114) [gb] AR123072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XLIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
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20 bp DNA linear GSS 21-FEB-2001
SM0186C23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCZM0168C23 F, genomic survey sequence.
AZ861615
                                                                                   Mus musculus

Muscardus (Burdarda)

Muscardus (Metaca) (Chordata) (Vertebrata) (Murinae)

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Muscardus (Dases 1 to 20)

Munn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                          Mus musculus (house mouse)
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AZ861615
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/ Reparamentary flab Lost strain XL10-Gold, T1-resistant, F-"
/ Calone 11b-Mouse 10kb plasmid UNGCHI library
/ Calone 11b-Mouse 10kb plasmid UNGCHI library
/ Inote="Wedcor: PWD4ZHY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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of pMD42 (gi|4732114|gi|AFA29072.1), a copy-number
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adaptored vector DNA, and transformed into
chemically-competent E. coli X110-Gold (Stratagene) cells
and selected for amploillin resistance."
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AZ659755
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Musi
1 (Dasa 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R.,
and Wright, D., Weiss, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
Dipublished
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Fax: 801 585 7177
Bmail: ddunnagenetics.utah.edu
Insert Length: 10000 Std Brror: 0.
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Seq primer: CGTYGTAAAAAGGACGGCAGT
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Location/Qualifiers
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                                                       Mus musculus (house mouse)
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AZ579495.1 GI:11693924
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Gaps ; 0

Best Loca Matches

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BASE COUNT

RESULT 91 AZ659755/c

LOCUS

ACCESSION

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University of Utah Genome Center
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Tel: 801 S85 7177
Tel: 801 S85 7177
Tel: 801 S85 7177
Tel: 801 S85 7177
Tel: 802 Finemi 10000 Std Error: 0.00
Plate: 0242 row: O column: 12
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                                            Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. L. (bases 1 to 20.)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
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                                                    Mus musculus (house mouse)
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    AZ969440.1 GI:13840667
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Best Local Similarity
Matches 16, Conserva
                                                                                                                                                                                                                                                                                                              Unpublished
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AI154875/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the linsert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for amplcillin resistance."
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2M0242012F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
alone UUGC2M0242012 F, genomic survey sequence.
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                                                                                  Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                         Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /sex="Male"
/lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UrdcIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (Male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 7177
Email: ddunn@genetics.utah.edu
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0168 row: C column: 23
Seq primer: CGTFGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/63"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /db_xref="taxon:10090"
/clone="UUGC2M0168C23"
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                                            Mus musculus (house mouse)
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    AZ861615.1 GI:13058112
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Best Local Similarity 84.2
Matches 16; Conservative
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AZ969440/c
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Email: cgapbs-romail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
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Dunn, D., Aoyagi, A., Bacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ491644
IM0325A20F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0325A20 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
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88.2%; Pred. No. 47;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                 Trace considered overall poor quality Insert Length: 485 Std Error: 0.00 Seq primer: -40ml3 fwd. ET from Amersham High quality sequence stop: 1.
         Unpublished
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Mus musculus
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Matches 15; Conservative
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AZ491644/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="mmsna"
//mol_type="mmsna"
/db xref="teacon:10090"
/clone="IMAGE:1477183"
/sex="female (lactating)"
/lab_host="DH108"
/clone lib="Soares mammary gland"
/lab_host="UP108"
/clone lib="Soares mammary gland"
/clone lib="Soares mammary gland was prepared from mammary gland tissue from a lactating female, and was then primed polylinker; ist strand cDNA was prepared from mammary gland tissue from a lactating female, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library is normalized. Library was constructed by Bento Soares and M. Fatima Bonaldo. "

4 c 6 g 1 t
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19 bp mRNA linear EST 07-JUL-1998
co88h01.81 NCI CGAP Kid5 Homo sapiens cDNA clone IMAGE:1573297 3'
similar to TR:Q00484 MINI-COLLAGEN PRECURSOR ;contains
element MSR1 repetitive element ;, mRNA sequence.
                                                                   Mus musculus (house mouse)
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Musinae; Musinamalia; Butheria; Rodentia; Sciurognathi; Muridae; Musinae; I to 16)
Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T., Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M., Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B., Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and
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NCI-CAAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
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                                                                                                                                                                                                                                                                                                                                               Contract: Marra M/Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.9%; Score 14; DB 1; Length 16; 100.0%; Pred. No. 31; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Seg primer: -28ml3 rev2 ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                       The WashU-HHMI Mouse EST Project Unpublished
  A1154875
A1154875.1 GI:3683344
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EST.
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Homo sapiens
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Best Local Similarity
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AA953971/c
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Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radeloff, U.
Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes L. Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B ADIS DNA core facility at MPIZ Max-Planter Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 00492215062851
Email: weissha@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 26 row: I column: 23
Seq primer: SP6 CATROGATTRAGGTGACACTATAG.
                                                                                                                                                                                                                                                             /tissue type="Limbarization" / tissue type="Limbarization" / lab host="DHINDB" / clone lib="NGI_GGAP_OV35" / clone lib="NGI_GGAP_OV35" / cloned unidirectionally. / site 2: Not1; This library represents the normalized version of NGI_GGAP_OV3. Cloned unidirectionally. Primer: Oliqo GT. Average insert size 0.86 kb. Tumor types include: mixed Mullerian tumor, papillary serous, clear cell, spindle cell. All are primary tumors, metastasis positive. Constructed by Life Technologies."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BQ593528 1123-SP6 MPIZ-ADIS-024-developing root Beta vulgaris cDNA clone 024-026-123 5-PRIME, mRNA sequence.
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Beta vulgaris
Beta vulgaris
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
Caryophyllales, Amaranthaceae; Beta.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 12.8; DB 1; Length 16; Best Local Similarity 87.5%; Pred. No. 51; Matches 14; Conservative 0; Mismatches 2; Indels
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/db_xref="rexxxxn:161934"
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/tissue_type="developing_root"
/lab_host="EMDH108"
         Trace considered overall poor quality
Seg primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                       /organism="Homo sapiens"
                                                                                                                                                                               /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2292400"
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BQ593528.1 GI:26123111
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BQ593528/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi |4732114|gb|AR129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. ooli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael
R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CAPP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.thml
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A1648507.1 GI:4729341
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1 (Dases 1 to 16)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

Tumor Gene Index

Umpublished
                                                                                                                                                                                                                                                                                                                                                   /sex="Male"
/lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: FWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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88.2%; Pred. No. 47;
cive 0; Mismatches 2; Indels
         Std Error: 0.00
Insert Length: 10000 Std Error:
Plate: 0325 row: A column: 20
Seg primer: CGTTGTPAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                  l. .19
/organism="Mus musculus"
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                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0325A20"
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//mol_type="mRNA"
/db_tref="taxon:9606"
/clone="INAGE:2394091"
/tissue_type="colon tumor, RER+"
/lab_host="mHDB"
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/clone_lib="NCI CGAP_CO16"
/clone_lib="NCI CGAP_CO16"
/clone_lib="NCI CGAP_CO16"
/clone_lib="Organ: colon, Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker, Site 1: Not 1; Site 2: Eco RI; Plasmid DNA from the normalized library Not I CGAP_CO10 was prepared, and se circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from a pool of 5,000 clones made from the same library clones made from the same library clones.
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-Not!, primer sites and orientation:
SP6-Sall-CCAGGGGTCCG-5prime-cDNA-polyA-CC-Not1-T7; Note: Sequencing granted in the context of the GABI-Beet project 'local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , Ph.D. CDNA Library Preparation: M. Bento Soares, Ph.D. CDNA Library Arrayed by: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
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1 (Dases 1 to 25)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

Thuor Gene Institute, Cancer Genome Anatomy Project (CGAP), Unpublished

Contact: Robert Strausberg, Ph.D.

Email: Ggapbs-r@mail.nih.gov

Tissue Procurement: Ilan Kirsch, M.D., Michael R. Emmert-Buck, M.D.
                                                                                                                                                                                                                                                                                                         Gaps
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DB 1; Length 25;

0.8%; Score 12.8;

Query Match

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Contact: Robert Strausberg, Ph.D.

Email: cgapbs.remail.nih.gov

Tissue Procurement: DrID/Drp CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LINL at:
www-bio.llnl.gov/bbry/image/image.html Base Calling / Quality
Scores: PRRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophina Genome Project. University of Washingtion Genome Center
http://www-genome.washington.edu Low Quality Sequence: O contiguous
PHRED high quality bases following vector sequence: Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence.
Location/Qualifiers
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//organism="Homo sapiens"
//organism="MRNA"
//db_xref="Laxon:9606"
/clone="MAGB:180207"
/tissue_type="small cell carcinoma"
/cell lines"MG3"
/lab_host="MG3"
/coll lines"MG3"
/coll lines with MG2 7"
/coll lines with MG3 8ize lines with MG4 by bing the following 5'
adaptor: GGACGAG (G) Size selected 500bp for average insert size 1.8kb Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of Garald M. Bubin (University o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AW247673 17 bp mRNA linear EST 07-JAN-2000
2820207.5prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820207 5',
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                                                Gaps
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                                                Indels
                                                7;
70.8%; Pred. No. 1e+02;
:ive 0; Mismatches
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Tetrahymena thermophila
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Tetrahymena thermophila
Tetrahymena.

Hymenostomatida: Tetrahymenina; Tetrahymena.

Hymenostomatida: Tetrahymenina; Tetrahymena.

Tobases 1 to 17)
Totkewitz, Ap. Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel
J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Contact: Turkewitz Ap
Molecular Genetics and Cell Biology
University of Chicago
University of Chicago
University of Chicago
University of Chicago
Tel: 773 702 4374
Fax: 773 702 4374
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                                                                   1 (bases 1 to 17)

Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E., Frankel
,J. and Klobutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
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/clone lib="Chilcoat/Turkewitz cDNA (large fraction)"
/clone lib="Chilcoat/Turkewitz SR+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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                                                                                                                                                                                                       Unpublished
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 38th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
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32.4%; Pred. No. 72;
ve 0; Mismatches
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82.4%; Pred. No. 72;
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/strain="CU428.1"
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Best Local Similarity 82.4%;
Matches 14; Conservative
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BM399757/c
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Contact: Robert Strausberg, Ph.D.
Email: Cagabbe.remail.in.h.gov
Tissue Procurement: DrID/DF CDNA Library Preparation: Ling
Hang/Rubin Laboracory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DDNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PARED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. Poly-I Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: O contiguous
PHRED high quality bases following vector sequence: O contiguous
following vector sequence.
Illocation/Qualifiers
Illocation/Qualifiers
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/cissue_type="smail cell carcinoma"
/clone_infac="MGG3"
/lab_note="MGG3"
/clone_infac="MGG2"
/clone_infac="MGG2"
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/mgde="MgG2"
/mgde="MgG2"
/mgde="mggan: lung; Vector: poTB7; Site_1: XhoI; Site_2:
ECORI; CDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5;
adaptor: GGCACGAG(G): Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-CDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
1 a 8
17 bp mRNA linear EST 07-JAN-2000 mRNA linear EST 07-JAN-2000 mRNA sequence.
AW247673
AW247673.1 GI:6590666
EST.
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                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

    (bases 1 to 17)

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National Institutes of Health, Mammalian Gene Collection (MGC)
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Tetrahymena thermophila cDNA, mRNA sequence.
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Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
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92.9%; Pred. No. 67;
tive 0; Mismatches
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Organism="Homo sapiens"
/Mol type="mRNA"
/db Aref="taxon:9606"
/clone="INAGE:2820207"
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BM396258.1 GI:18196311
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Best Local Similarity 92.9
Matches 13; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished
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BM396258/c
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RESULT 104 BM400820/c

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DEFINITION

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TITLE JOURNAL COMMENT

FEATURES

REFERENCE AUTHORS

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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XiiO-Gold (Stratagene) cells
and selected for ampicillin resistance."
Contact: Robert B. Weise
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0560 row: A column: 24
Seq primer: CACACAGGAACAGGTATGACC
Class: plasmid ends
High quality sequence stop: 29.
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5009-0-20-E06.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
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BST from Tetrahymena thermophila, strain CU428.1, growing cells Unpublished
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
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Buterahymena thermophila
Eukaryota: Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8%; Score 12; DB 1; Length 29; 64.3%; Pred. No. 1.4e+02; iive 0; Mismatches 10; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0560A24"
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Best Local Similarity 64.31
Matches 18; Conservative
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ORGANISM
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BM396431/c
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AUTHORS
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29 bp DNA linear GSS 16-FEB-2001
1M0560A24R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0560A24 R, genomic survey sequence.
                                                                                                                                                                                                                                                        EST 17-JAN-2002
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Trikewitz, A.P., Yarzer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel, J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK*; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mamalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 29)

Dunn, D., Acyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacres, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. plasmid inserts

Unpublished
                 Gaps
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5009-0-79-H02.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
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Etrahymena thermophila
Eukaryota, Alveolata; Ciliophora, Oligohymenophorea;
Kymenostomatida; Tetrahymenina; Tetrahymena.
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                 Indels
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|mol_type="mRNA"
|strain="CU428.1"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished
Context: Turkewitz AP
Context: Turkewitz AP
University of Chicago
University of Chicago
10.5 S8th Street, Chicago, IL 60637,
Tel: 773 702 4374
Fax: 773 702 3372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 12.2; D 82.4%; Pred. No. 72; cive 0; Mismatches
              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: apturkew@midway.uchicago.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Seg primer: T3.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)
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                                                              1433 GCCACCGCGGGCATCCA 1449
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Best Local Similarity 82.4
Matches 14; Conservative
                 Matches 14; Conservative
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RESULT 105 AZ764536/c

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BASE COUNT

LOCUS

ACCESSION

VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS

JOURNAL

TITLE

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A1274782 16 bp mRNA linear EST 21-DEC-1998 qv67h03.x1 NCI CGAP Utl Homo sapiens CDNA clone IMAGE:1986677 3' similar to WP:F55B12.9 CE11534; contains element MSR1 repetitive element; , mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
Emmert-Buck, M.D., Ph.D.
CDN Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-GAP clone distribution information can be
found through the I.M.A.G.B. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
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denocarcinoma, 7 pooled tumors"
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/clone_lib="NCI_CGAP_Utl"
/clone_lib="NCI_CGAP_Utl"
/clone_lib="NCI_CGAP_Utl"
/cloned_unidirectionally. Primer: Oligo dT.
Average insert size 1.75 kb. Life Technologies catalog #:
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1 (bases 1 to 16)

1 (CAB http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Unpublished
   Sequencing granted in the context of the GABI-Beet proj
local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                        Gaps
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Insert Length: 1556 Std Error: 0.00
Seq primer: -400P from Gibco
High quality sequence stop: 1.
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86.7%; Pred. No. 67;
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Matches 13; Conserv
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DEFINITION
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KEYWORDS
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I (Dases 1 to 15)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinning allows access to 25 000 potential sugar beet genes plant U 32 (5), 845-857 (2002)

Contact: Weisshaar B.

ADIS DNA core facility at MPIZ

Max-Planta-Inine Weg 10, 50829 Koeln, Germany

Fax: 0049215062881

Email: weisshaa@mpiz-Koeln.mpg.de

Insert Length: 15 Std Error: 0.00

Plate: 14 row: P coluun: 24

Seg primer: SP6; CATAGGARTTAGGTGAACTATAG.
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/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /tissue_type="storage root"
| Jab_host="EMDH10B" |
| Jab_host="EMDH10B" |
| /clone lib="WPH2-ADIS-024-storage root" |
| /note="Vector: pCMVSPORT6; Site_1: Sall; Site_2: Not1; |
| /note="Vector: pCMVSPORT6; Site_1 |
| /note="Vector: pcmvs |
| /notes="Vector: pcmvs |
| /notes="Vector:
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                                                                                                                                                                                           Corganism="Tetrahymena thermophila"

/mol_type="maynena"

/mol_type="maynena"

/strain="C0428.1"

/strain="C0428.1"

/db xref="taxon:591"

/clone lib="chilocat/Turkewitz cDNA (large fraction)"

/note="Vector: BlueScript2 SK+; Details on library

preparation can be found in Chilocat and Turkewitz (2001)

Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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920 E. 58th Street, Chicago, IL 60637, USA Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
Location/Qualifiers
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86.7%; Pred. No. 67;
iive 0; Mismatches
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EST.
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Best Local Similarity 86.7<sup>3</sup>
Matches 13, Conservative
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BM398494 linear EST 17-JAN-2002 5009-0-46-A03.t.1 Chilcoat/Turkewitz cDNA (large fraction) Tetrahymena thermophila cDNA, mRNA sequence.
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Tetrahymena thermophila
Tetrahymena thermophila
Bukaryota, Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
Tosas to 15
Turkevitz, A.P., Karrer, K.M., Jahn, C., Orias, B., Kirk, K.B., Prankel
J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
                                                                                                                                                                                                                                                                                                      1 (bases 1 to 13)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel
J. and Klobutcher, L.
BST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished
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// Organism="Tetrahymena thermophila"
// Organism="Tetrahymena thermophila"
// Organism="CU428.1"
// Strain="CU428.1"
// Strain="CU428.1"
// Clone lib="Catolicoat/Turkewitz cDNA (large fraction)"
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preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
                                                     13 bp mRNA linear EST 17
5009-0-63-C10.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
                                                                                                                                                                                                                              Tetrahymena thermophila
Bukaryota, Alveolata, Ciliophora, Oligohymenophorea,
Hymenostomatida, Tetrahymenina, Tetrahymena.
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Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. Seth Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     rel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seg primer: T3
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BM398494.1 GI:18198547
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Best Local Similarity 92.3
Matches 12, Conservative
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                          AZ604431 26 bp DNA linear GSS 13-DEC-2000 1M0425114F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0425114 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Mesen, B., Pedersen, T., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plannid inserts
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larity 65.4%; Pred. No. 1.4e+02;
Conservative 0; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
Fax: 801 585 7177
Insart: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0425 row: I column: 14
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 26.
Location/Qualifiers
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AZ604431.1 GI:11726621
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RESULT 109
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4792114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGC2M library"
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musculus C57BL/GJ (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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71.4%; Pred. No. 1.3e+02;
ve 0; Mismatches 6; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunnegenetics.utah.edu
Insert Length: 10000 Std Error: 0.
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Class: plasmid ends
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Mus musculus (house mouse)
Mus musculus
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Best Local Si Conservative
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2009-0-5-H12.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
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Tetrahymena thermophila
Bukaryota, Alveolata; Ciliophora; Oligohymenophorea;
Bukaryota, Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.

Turkevitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel
Ly and Klobutcher, L.

BST from Tetrahymena thermophila, strain CU428.1, growing cells
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Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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0.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 79;
Matches 12; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Fax: 773 702 4374
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                717 ACTCGGTGGCGGC 729
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Matches 12; Conservative
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E 1 (bases 1 to 16)
S Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel
J. and Klobutcher, L.
EXT from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 56th Street, Chicago, IL 60637, USA
Tel: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seg primer: 13.
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/clone lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK*; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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Eukaryota, Alveolata, Ciliophora, Oligohymenophorea,
Hymenostomatida, Tetrahymenina, Tetrahymena.
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      ww-bio.llnl.gov/bbrp/image/image.html
                                                               Trace considered overall poor quality Insert Length: 1663 Std Error: 0.00 Seq primer: -40UP from Gibco High quality sequence stop: 1 POLYA-No.
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81.2%; Pred. No. 95;
tive 0; Mismatches
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81.2%; Pred. No. 95;
cive 0; Mismatches
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/strain="CU428.1"
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Best Local Similarity 81.2
Matches 13; Conservative
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Best Local Similarity 81.2
Matches 13; Conservative
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Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                           Contact: Robert Strausberg, Ph.D.
Baall: gapbs-r@mall.nih.gov
Life Technologies catalog #: 11547-015
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LINL at:
www-bio.llnl.gov/bbrp/image/image.html
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AIS69544.1 GI:4532918
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/clone_lib="NCI_CGAP_Lym12"
/note="Organ: lymph node; Vector: pCMV-SPORT6; Site 1:
Salf; Site_2: NotI; Cloned unidirectionally. Primer:
Oligo dT. Average insert size 1.25 kb. Life Technologies
catalog #: 11547-015"
                                                                                      Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
NATIONA Cancer Institute, Cancer Genome Anatomy Project (CGAP), Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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Seg primer: -400P from Gibco
High quality sequence stop: 1.
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/organism="Homo sapiens"
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                             sapiens (human)
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Unpublished
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tell 801 585 506
Fax: 801 585 717
Email: ddunn&genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0168 row: K column: 19
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 25.
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AZ604434
                                                              Mus musculus (house mouse)
Mus musculus
Mus musculus
Mus musculus
Muscaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutheleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 25)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longace,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
Pousse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv', Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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1 Similarity 66.7%; Pred. No. 1.5e+02;
16; Conservative 0; Mismatches 8;
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC2M0168K19"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        82 CACCGCCGCGCGCACTCGCGCCC 105
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       GI:13058414
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AZ861766.1
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AZ604434
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E. 1 (bases 1 to 16)

S. Hervig,R., Schulz,B., Weisshar,B., Hennig,S., Steinfath,M., and Radelof,W., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,W.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-887 (2002)

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-887 (2002)

Constant Weisshaar (2002)

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851 to 50829 Koeln, Germany

Fax: 0492215062851 to Std Error: 0.00

Plate: 18 row: 0 column: 23

Seq primer: T7; GTAATACGACTAATAGGGC.
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/db_xref="taxon:161934"
/dclone="024-018-023"
/tissue_type="storage root"
/lab_host="EMDH108"
/clone_lib="MPIG-ADIS-024-storage root"
/clone_li
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SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project, local P1: Dr. Katharina Schneider, ccordinator: Prof.
Christian Ung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
a 16 c 0 g
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//organism="Beta vulgaris"
//mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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MOJG6K19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0166K19 R, genomic survey sequence.
AZ861766
                                                                                                                                                                                                                                                          BQ590688 16-bp mRNA linear EST 06-DEC-2
S013717-024-018-O23-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-018-023 3-PRIME, mRNA sequence.
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1434 CCACCGCGGGCATCCA 1449
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                                              16 CCACCGCGTGAGTCCA 1
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Tetrahymena thermophila
Eukaryota, Alveolata, Ciliophora, Oligohymenophorea,
Hymenostomatida, Tetrahymenina, Tetrahymena.
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Location/Qualifiers
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GSS.
      BM396472.1 GI:18196525
                                                Tetrahymena thermophila
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Best Local Similarity 85.77
Matches 12, Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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AZ447239/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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2009-0-21-C09.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
BM396472
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                                Mus musculus (house mouse)
Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae, Murinae; Mus.
1 (bases 1 to 2)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
M., Rose, M., Rose, R.,
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
Dipublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /sex="Male" /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus CS7BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource Laboratory Mouse DNA Resources/documents/dnares/). The DN Laboratory Mouse DNA Resources/documents/dnares/). The DN Laboratory Mouse DNA Resources/documents/dnares/).
                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Research Bldg., 20 S. 2030 E., SLC,
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCIM0425118"
    AZ604434.1 GI:11726624
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Matches 17; Conserv
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BM396472/c
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Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel S.T. and Klobutcher, L.

BST from Tetrahymena thermophila, strain CU428.1, growing cells Unpublished
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
University of Chicago
120 E. Sekh Street, Chicago, IL 60637, USA
121: 773 702 4374
122: 773 702 3172
123 Fax: 773 702 3172
124: Appurkew@midway.uchicago.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol trype="mkNa"
/strain="cutakna"
/strain="cutakna"
/strain="cutakna"
/strain="cutakna"
/clone lib="chicoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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Mus musculus
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 23)
Bunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Mus.

Fislam, H., Longacze, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0244M18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0244M18 F, genomic survey sequence.
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University of Utah Genome Center
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B
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Insert Length: 1000 Std Error: 0.00
Plate: 0244 row: M column: 18
Seg primer: CGTTGTAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.7%; Score 10.8; D
85.7%; Pred. No. 99;
iive 0; Mismatches
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligomuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|q192114|qpb|Ar129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mushouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Insert Length: 10000 Std Error: 0.00
Plate: 0315 row: D column: 09
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.7%; Scor.
68.2%; Pred. No. 1.v.
'.. 0; Mismatches
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Mus musculus
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Fax: 801 585 7177
Email: ddunn@genet
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clome lib="Mouse 10kb plasmid Urdcim library"
/note="Wector: PWD42Iv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: L column: 11
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High quality sequence stop: 23
location/Qualifiers
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Best Local Similarity 68.2
Matches 15; Conservative
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
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ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose ggl
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inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
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chemically-competent E. coli XL10.Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longaore, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                         /lab host="E. Coli strain XLIO-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.7%; Score 10.8; DB 1; Length 24;
68.2%; Pred. No. 1.6e+02;
ive 0; Mismatches 7; Indels
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Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends
High quality sequence stop: 24.
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   Location/Qualifiers
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Mus musculus
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                                                                                                                                                                                                    sex="Male
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Matches 15; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse lokb plesmid UTGCIM library."
/note="Weater: PWD4ZLY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Brror: 0.00
Plate: 0411 row: G column: 07
Seq primer: CACACAGGAACAGGTAATGACC
                                                          organism="Mus musculus"
                                                                                     mol type="genomic DNA"
strain="C57BL/6J"
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High quality sequence stop: 24.
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AZS97705.1 GI:11719895
                                                                                                                                                                                                    sex="Male"
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Best Local Similarity 68.2
Matches 15; Conservative
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high malar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb]ARL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A.,

Barber, M., Beacorn, T., Duval, B., Hamil, C.,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.,

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                        /clome_lib="Mouse 10kb plasmid UUGCiM library" //notee="Weetch: PWT42Inv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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Insert Length: 10000 Std Error: 0.00
Plate: 0519 row: P column: 18
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 27.
                                                             organism="Mus musculus"
                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                            /db_xref="taxon:10090"
/clone="UUGC1M0560E06"
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                                                                                                                                                                                                          /sex="Male"
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Fax: 801 585 7177
Email: ddunn@genet
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                                                                                                                                                                                                                                                                                                                                                             (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi=14792114) pB/APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0560E06R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0560E06 R, genomic survey sequence.
                                                                                                                                                                                                                      /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UDGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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68.2%; Pred. No. 1.6e+02;
iive 0; Mismatches 7; Indels
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Insert Length: 10000 Std Brror: 0.00
Plate: 0560 row: B column: 06
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
                                                          'organism="Mus musculus"
                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0129F04"
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                                                                                                                                                                                                       /sex="Male
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Fax: 801 585 7177
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Wetcor: PWD42nv; Purified genomic DNA from M.
musculus G75BL/5J (Mals)
was obtained from the Jackson
Laboratory Mouse DNA Resources
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
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inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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TTel: 801 S85 5606
FEAX: 801 585 7177
Email: ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ124328
1M0046B16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0046B16 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukarycza, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. L. (basea 1 to 23).

Dunn, D., Aoyag, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse, Whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.7%; Score 10.8; DB 1; Length 31; 60.0%; Pred. No. 1.5e+02; tive 0; Mismatches 12; Indel8
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Insert Length: 10000 Std Error: 0.00
Plate: 0046 row: B column: 16
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 23.
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organism="Mus musculus"
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University of Utah Genome Center
University of Utah
                                                                                           'mol_type="genomic DNA"
'strain="C57BL/6J"
                                                                                                                                                    'db_xref="taxon:10090"
'clone="UUGC2M0156123"
         Location/Qualifiers
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Mus musculus
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                                                                                                                                                                                                                sex="Male
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match
Best Local Similarity 60.0°
Matches 18; Conservative
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AZ324328/c
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                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (41) 4792114 [4p] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innext adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
TRM. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ853311 31 bp DNA linear GSS 21-FEB-2001 2M0156L23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0156L23 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_lokb plasmid UNGCN library."
/note="Vector: PWD4ZN; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0156 row: L column: 23
Seg primer: GGTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 31.
                                                                                                                                                                                                                                                                                                                                                               Laboratory Mouse DNA Resource
                                                               organism="Mus musculus"
                                                                                           mol_type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                              db_xref="taxon:10090"
clone="UUGC1M0519P18"
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   ocation/Qualifiers
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                                                                                                                                                                                                             sex="Male"
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Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus
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AZ853311
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Gaps

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BM396557 17-JAN-2002 5009-0-22-F07.t.1 Chilcoat/Turkewitz cDNA (large fraction) Tetrahymena thermophila cDNA, mRNA sequence.
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Turkewitz,A.P., Varrer,K.M., Jahn,C., Orias,E., Kirk,K.E., Frankel
'J. and Klobutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
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/clone lib="Chilcoat/Turkewitz cDNA (large fraction)"
/clone lib="Chilcoat/Turkewitz SK+; Details on library
/note="Wector: BlueScript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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Etrahymena thermophila
Eukaryota, Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
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Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
0.7%; Score 10.4; D
Best Local Similarity 91.7%; Pred. No. 90;
Matches 11; Conservative 0; Mismatches
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91.7%; Pred. No. 90;
ive 0; Mismatches
                                               /organism="Homo sapiens"
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                              source
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                                                                                                                                                                                                                                                                                             (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb]AF129072.13, a copy-number induible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert Strausberg, Ph.D.
Email: cgapbs-romail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Esmert-Buck, M.D., Ph.D.
CDNA Library Preparation: M. Bento Soares, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NGI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13 bp mRNA linear EST 10-JUN-1998 ol82g05.s1 NCI CGAP Kid5 Homo sapiens CDNA clone IMAGE:1536152 3' similar to TR:Q69566 Q69566 ;contains element PTR7 repetitive element , mRNA sequence.
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(Dases 1 to 13)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

Tumor Gene Index

Unpublished
                                                                                                                                                           /sex="Male"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse" but plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                   Laboratory Mouse DNA Resource
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                         l. .23
'organism="Mus musculus"
                                                                      'mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                db_xref="taxon:10090"
clone="UUGC1M0046B16"
cocation/Qualifiers
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10 bp mRNA linear EST 17-JAN-2002
S099-0-5-G06.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
BM398849
                  1. 14
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// nol_type="mgNA"
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preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel
J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished
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/organism="Tetrahymena thermophila"
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preparation can be found in Chilocat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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5009-0-15-E12.t.2 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
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Burtahymena htermophila
Bukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
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100.0%; Pred. No. 64;
ive 0; Mismatches 0; Indels
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Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 B. 58th Street, Chicago, IL 60637,
Tel: 773 702 4374
Fax: 773 702 3172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: apturkew@midway.uchicago.edu
Seq primer: T3
Location/Qualifiers
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Best Local Similarity 100.
Matches 10; Conservative
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Tetrahymena thermophila cDNA, mRNA sequence.
                                                                           BM396557 17-JAN-2002 5009-0-22-F07.t.1 Chilcoat/Turkewitz cDNA (large fraction) Tetrahymena thermophila cDNA, mRNA sequence.
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Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 14)
Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E., Frankel
-5, and Klobutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished
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/note="Vector: BlueScript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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Tetrahymena thermophila
Bukaryota, Alveolata, Ciliophora, Oligohymenophorea,
Hymenostomatida, Tetrahymenina, Tetrahymena.
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920 E : 88th Street, Chicago, IL 60637,
Tel: 773 702 4374
Fax: 773 702 3172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Turkewitz AP
Molecular Genetics and Cell Biology
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Seq primer: T3.
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Tetrahymena thermophila
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BM396557/c
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BM399961
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Tetrahymena thermophila
Eukaryota, Alveolata, Cliophora, Oligohymenophorea,
Bymenostomatida; Tetrahymenina, Tetrahymena.
I (bases to 12)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel, J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
                                                             Eukaryota, Alveolata, Ciliophora, Oligohymenophorea, Hymenostomatida, Tetrahymenina, Tetrahymena.

I (bases I to 10)

Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel, J. and Klobutcher, L.

EST from Tetrahymena thermophila, strain CU428.1, growing cells
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100.0%; Pred. No. 64;
cive 0; Mismatches 0; Indels
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Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3
                                                                                                                                                               Unpublished
Contact: Turkewitz AP
Contact: Turkewitz AP
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Email: apturkew@midway.uchicago.edu
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Location/Qualifiers
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   3M398849.1 GI:18198902
                               Tetrahymena thermophila
Tetrahymena thermophila
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Best Local Similarity 100.
Matches 10; Conservative
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BM399550 11 Chilcoat/Turkewitz cDNA linear EST 17-JAN-2002 5509-0-59-C05.t.1 Chilcoat/Turkewitz cDNA (large fraction) Tetrahymena thermophila cDNA, mRNA sequence. BM399550 II GI:18199603
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Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota, Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.

1 (bases 1 to 13)
Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E., Frankel,J. and Kibutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished
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preparation can be found in Chilcoat and Turkewitz (2001)
procyn Natl. Acad. Sci USA, 98: 8709-8713."
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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                                                                                                            0.6%; Score 10; DB 1; Length 12; 100.0%; Pred. No. 91; tive 0; Mismatches 0; Indels
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Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Pax: 773 702 3172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: apturkew@midway.uchicago.edu
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Job time : 6 secs
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.6
Best Local Similarity 100.
Matches 10; Conservative
                                                                                                                                          l Similarity 100.
10; Conservative
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Identifying two nucleotides which are separated by an interval in double stranded nucleic acid using restriction endonuclease that generates 5' overhang, template-directed ligation to labeled adaptors and amplification

Example 2; Page 29; 59pp; English.

The invention relates to an iterative and regenerative method for sequencing DNA. The method involves identifying two nucleotides which are separated by an interval in double stranded (ds) nucleic acid using restriction endonuclease that generates 5' overhang, template-directed ligation to labeled adaptors and amplification. The method is useful for identifying a first nucleotide as second nucleotide n+x in a defentifying a first nucleotide as second nucleotide n+x in a defentifying a first nucleotide of a second nucleic acid segment which is a genomic DNA, cDNA, a product of product or a product of a strand displacement amplification (PCR) in vitro DNA amplification e.g., a polymerses chain reaction (PCR) or product or a product of a strand displacement amplification or a vector insert. It is several of staggered ds molecules produced from the double stranded nucleic acid segment. It is useful for removing all or a part of a primer sequence from a primer extended product and for automated sequencing of double-stranded DNA segments. The method of the invention. 

Sequence 24 BP; 4 A; 6 C; 11 G; 2 T; 1 other;

ö Gaps . 0 Query Match
1.1%; Score 17.2; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 4; Indels

Search completed: December 23, 2003, 16:34:55 Job time: 25 secs

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10001844-3.rng

99US-0226683

07-JAN-1999;

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99US-0255376.
                         22-FEB-2000; 2000WO-US04413
                                         (SYNA-) SYNAPTIC PHARM CORP
                                                      WPI; 2000-558395/51.
      Rattus norvegicus
            WO200050562-A2
                                22-FEB-1999;
13-AUG-1999;
                   31-AUG-2000
                                                Bonini JA,
```

ö 1.1%; Score 17.2; DB 1; Length 24; 6.4%; Pred. No. 2e+02; ve 0; Mismatches 3; Indels Sequence 24 BP; 10 A; 4 C; 9 G; 1 T; 0 other; 86.48; Local Similarity 86.4 nes 19; Conservative Query Match Best Loca Matches

24 3 gachangheghechchechchee 셤 Š

15-MAY-2001 (first entry) AAF74610; 

Cystic fibrosis transmembrane conductance regulator; human; adapter; DNA sequencing; gel resolution; medical diagnostic; genetic mapping; genetic identification; forensic analysis; molecular biology research; primer extended product; restriction endomuclease recognition domain;

Homo sapiens

20-FEB-2001,

Novel nucleic acid encoding mammalian SNORF25 receptor, for treating abnormalities such as steroid hormone disorder, hypertension, diabetes, asthma and respiratory disorders Boyle N, Thompson TO; ischemia-reperfusion injury; PCR primer; ss. Disclosure, Page 58; 146pp; English. Borowsky BE, Adham N,

The present PCR primer was used for RACE amplification of cDNA encoding a rat SNORF25 receptor. Antagonists of SNORF25 receptor polypeptides can be used for regulation of disorders of steroid hormone, epinephrine respiratory, immune, endocrine, cardiovascular, electrolyte balance, respiratory, immune, endocrine, musculoskeletal, neuroendocrine, cognitive, memory, senatosensory and neurotransmission, motor coordination, sensory integration, motor integration, dopaminergic function, appetite such as anorexia or obesity, somatosensory neurotransmission, olfaction, autonomic nervous system, respiratory, immune, endocrine, musculoskeletal, neuroendocrine, cognitive, memory, affective, blood coagulation related, or developmental, or regulation of hypertension, diabetes, pain, psychotic behaviour, migraine, cancer, proliferative diseases, wound healing, tissue regeneration, or ischemia-reperfusion injury related diseases

1247 GTCATCGAGGAGCACAGCTGGG 1268

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Gaps

AAF74610 standard; DNA; 24

BP.

Cystic fibrosis transmembrane conductance regulator gene adapter #31.

primer extended p RERD; primer; ss.

US6190889-B1

The present invention describes a method for removing a primer sequence (PS) from a primer extended product (I) or blocking restriction endonuclease recognition domain (RERD) in (I) involving digesting (I) with: (a) a RE recognising double stranded (ds) RERD comprised by PS in (I); or (b) an enzyme that recognises ds enzyme recognition site in (I) thus blocking outling mediated by RERD in (I), respectively. The method can be used for removing a primer sequence from a primer extended product or blocking restriction endonuclease recognition domain in a primer extended product. The method is useful in DNA sequencing methods including mediaal diagnostics, genetic mapping, genetic identification, forensic analysis and molecular blology research. The present sequence represents a cystic fibrosis transmembrane conductance regulator gene adapter which is used in an example from the present invention for the demonstration of interval sequencing mediated by class-IIS restriction endonuclease generated 5' overhangs and template-directed ligation. Removing primer sequence from, or blocking restriction endonuclease (RE) recognition domain in primer extended product, comprises digesting product by RE or an enzyme which cuts the RE recognition domain Gaps Regenerative method; sequencing; strand displacement amplification; restriction endonuclease; identification; adaptor; ss. . 0 Length 24; Adaptor oligonucleotide #27 used in the invention. 1.1%; Score 17.2; DB 1; 82.6%; Pred. No. 2e+02; Sequence 24 BP; 4 A; 6 C; 11 G; 2 T; 1 other; 0; Mismatches 1305 CGCTCCTGCTGCACTGCGCCC 1327 Example 2; Column 52; 49pp; English 24 CNCTCCTCGCTGGACTGGCGCAC 2 96US-0742755. 99US-0226683. 16-FEB-2001; 2001US-0788038. 96US-0742755 (IOWA ) UNIV IOWA RES FOUND (IOWA ) UNIV IOWA RES FOUND .796/c AAD42796 standard; DNA; 24 (first entry) Local Similarity 82.6 les 19; Conservative WPI; 2002-589470/63 VPI; 2001-217897/22 US2002072055-A1 01-NOV-1996; 07-JAN-1999; 01-NOV-1996; 15-NOV-2002 Unidentified 13-JUN-2002 Jones DH; Jones DH; AAD42796; Query Match Matches RESULT 70 AAD42796, ò g 

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T-cell mediated disease;

signalling pathway;

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Use of a modulator of Hedgehog signalling pathways for treating T-cell mediated disease or infection and diseases associated with increased or decreased T-cell apoptosis and T-cell proliferation -
                             T-cell apoptosis, Notch signalling pathway, cancer; breast, prostate, ovary, T-cell activation; T-cell proliferation; lymphoma; carcinoma; autofimmune disease, inflammatory disease, proliferative disorder, notral infection; genetic immunodeficiency; neurodegenerative disease; myelodysplastic syndrome; ischaemic injury; toxin-induced disease; wasting disease; RT-PCR; reverse transcriptase; Shh; sonic hedgehog.
 Mouse RT-PCR primer Shh rp #1
                       ss; Hedgehog
                                                                                                                                                                         09-APR-2002; 2002WO-GB01666.
                                                                                                                                                                                              09-APR-2001; 2001GB-0008872.
                                                                                                                                                                                                                             (LORA-) LORANTIS LTD
                                                                                                                                                                                                                                                    Hoyne GF,
                                                                                                                                                                                                                                                                          WPI; 2003-058470/05
                                                                                                                               WO200280952-A2.
                                                                                                          Mus musculus.
                                                                                                                                                    17-OCT-2002
                                                                                                                                                                                                                                                    Lamb JR,
                       (onge )
```

Champion BR

Dallman MJ,

The invention relates to use of a modulator of a Hedgehog signalling pathway or a modulator of a target of the pathway in the preparation of a medicament for treating T-cell mediated disease or infection or a disease or disorder associated with increased or decreased T-cell apoptosis and for modification of (pertipheral) T-cell activation or proliferation or T-cell apoptosis, and for modulation of the Norch signalling pathway in immune cells. The modulator is useful for treating cancer of the breast, prophomes and carcinomes, autorimmune diseases such as systemic lupus erythematosus, multiple solerosis and diseases such as inflammatory diseases such as confidence of the properties of the properies of the properties of the properties of the properties of the proliferative disorders such as atherosclerosis and psoriasis, viral lifections such as AIDS and herpesviruses, genetic immunodeficiencies, neurodegenerative diseases such as AIDS AID telmer's disease and Parkinson's disease, myelodysplastic syndromes such as aplastic anaemia, ischaemic disease, myelodysplastic syndromes such as aplastic anaemia, ischaemic ciribusis such as myocardial infarction, toxin-induced diseases such as ciribosis and wasting diseases such as cachexia. This sequence represents a reverse transcriptase PCR (RT-PCR) primer used in the scope of the Example 10; Page 110; 154pp; English nvention

Sequence 22 BP; 6 A; 5 C; 6 G; 5 T; 0 other;

; 0 Length 22; Indels 1.1%; Score 17.2; DB 1; I ilarity 86.4%; Pred. No. 1.9e+02; Conservative 0; Mismatches 3; Best Local Similarity Matches 19; Conserv Query Match

661 CGACTGGGTGTACTACGAGTCC 682

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CGACTGGGTCTACTATGAATCC

AAX01774 Standard; DNA; 24 BP. RESULT 67
AAX01774/c
XX
AC AAX0177
AC AAX0177
DT 09-APRXX
XX
XX

AAX01774;

(first entry) 09-APR-1999

Human cystic fibrosis transmembrane conductance regulator oligo #29

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This sequence is an oligonucleotide used to describe a sequencing method which identifies the first and second nucleotides in double (ds) nucleic acid segments. The method can be used to sequence DNA, for example, in genetic identification, forensic analysis, genetic counselling or medical diagnostics. The method sequences in discrete intervals that start at one end of each DNA segment. The method overcomes problems inherent in other sequencing methods, such as the need for gel resolution of DNA fragments and the generation of artifacts caused by ss DNA secondary structures. It can be used to create offset collections of DNA segments, and sequence the segments in parallel, to provide continuous sequence information over long intervals. This method is also suitable for automation and multiplex automation to sequence
                    genetic identification, forensic analysis, genetic counselling; medical diagnostic, offset collection; multiplex automation; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                              Sequencing of double stranded nucleic acids - by an iterative and regenerative method which uses a restriction enzyme with a cleavage site separate from it's recognition site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 24 BP; 4 A; 6 C; 11 G; 2 T; 1 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Example 2; Column 52; 52pp; English
    transmembrane
                                                                                                                                                                                                                                               96US-0742755.
                                                                                                                                                                                                           96US-0742755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               large sets of segments.
                                                                                                                                                                                                                                                                                    (IOWA ) UNIV IOWA RES
                                                                                                                                                                                                                                                                                                                                                              WPI; 1999-119868/10.
Cystic fibrosis
                                                                                                                                                                                                           01-NOV-1996;
                                                                                                                                                                                                                                               01-NOV-1996;
                                                                                              Homo sapiens
                                                                                                                                US5858671-A.
                                                                                                                                                                     12-JAN-1999
                                                                            Synthetic
                                                                                                                                                                                                                                                                                                                          Jones DH;
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Gaps ·, 1.1%; Score 17.2; DB 1; Length 24; 82.6%; Pred. No. 2e+02; 4; Indels 0; Mismatches Conservative Local Similarity les 19; Conserv Query Match Matches

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1305 CGCTCCTGGCTGCACTGGCGCCC 1327 24 cherecreerearcreeceac ò 셤

AAA64229 standard; DNA; 24 RESULT 68 AAA64229

ВР

(first entry) 20-DEC-2000

AAA64229;

·;

Gaps

RACE PCR primer JAB73 for cDNA encoding SNORF25 receptor.

SNORF25 receptor; steroid hormone disorder; epinephrine release disorder; gastrointestinal disorder; cardiovascular disorder; immune disorder; electrolyte balance disorder; respiratory disorder; endocrine disorder; musculoskeletal disorder; neurotransmission disorder; memory disorder; comatosensory disorder; neurotransmission disorder; motor condination disorder; sensory integration disorder; anorexia; motor integration disorder; popaminergic function disorder; obesity; appetite disorder; somatosensory neurotransmission disorder; diabetes; olfaction disorder; somatosensory neurotransmission disorder; diabetes; olfaction disorder; hypertension; psychotic behaviour; cancer; proliferative disease; wound healing; tissue regeneration; 

.; 0

Gaps

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Length 21;

Score 17.8; DB 1; Pred. No. 1.5e+02; 0; Mismatches 2;

1.18;

Query Match
Best Local Similarity 90.5
Matches 19; Conservative

1020 GCTCGGGCCGCCTTCCGGGG 1040

ò g

7

1 GCTCGTCGTCTTCCGGGG

RESULT

Gaps ; 0

Score 17.8; DB 1; Length 21; Pred. No. 1.5e+02; 0; Mismatches 2; Indels

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agents that can modulate activity of cellular proteins involved in tissue expand a population and differentiation. Hedgehog proteins can also be used to expand a population of neural stem cells from a subject, then the cells Alzheimer's diseases or spinal cord injury. Bigenic animals derived from Alzheimer's diseases or spinal cord injury. Bigenic animals derived from from a simple cross since the transcribtion activator and the silent transgene are maintained in separate mouse lines, and abnormal expression is only induced in the biganic animal. This eliminates the need for microinjection and genotypic screening for each experiment, and many bigenic embryos can be produced by cross-breeding.
                                                                                                                                                                                                                                                                                                                                                                                                                  product; noodle product; pasta product; cake; LipA;
                                                                                                                                                    Sequence 21 BP; 5 A; 6 C; 4 G; 6 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                        LipA gene sequencing PCR primer, JOM3.
                                                                                                                                                                                                                            557 GAGGAGTCTCTGCACTACGAG 577
                                                                                                                                                                                                                                                GAGGAGTCTCTACACTATGAG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Soe JB
                                                                                                                                                                            1.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18-MAY-2001; 2001GB-0012226
09-JAN-2002; 2002US-347007P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17-MAY-2002; 2002WO-IB02792
                                                                                                                                                                                                                                                                                                               AAD52804 standard; DNA; 21
                                                                                                                                                                                                                                                                                                                                                                (first entry)
                                                                                                                                                                           Query Match
Best Local Similarity 90.5
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                Flour dough; baked produ
lipase; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Poulsen CH,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2003-120738/11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (DANI-) DANISCO AS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WO200294123-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
                                                                                                                                                                                                                                                                                                                                                                14-MAY-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     28-NOV-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bojsen K,
                                                                                                                                                                                                                                                  21
                                                                                                                                                                                                                                                                                                                                         AAD52804;
                                                                                                                                                                                                                                                                                                 RESULT
   8X88888888888X8
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The present invention relates to a method for determining the presence of neoplastic molecular markers in a host, involving the use of neoplastic molecular marker specific reagents to detect such markers and analysing the array of reagents, allowing the identification of the neoplastic disease present. This can be used to determine the best treatment for another, in particular neural cell, lung and prostate tumours. The present sequence is a PCR primer useful for detecting the coding sequences of markers of the invention.
                                                                                                                                 Human, cancer, neoplastic disease; tumour specific marker; cytostatic, transcription factor; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                    Determining the presence of neoplastic molecular markers, by identifying the presence of markers in host test sample using array of neoplastic molecular marker specific reagents and analyzing the array
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ch 1.1%; Score 17.6; DB 1; Length 25; Similarity 83.3%; Pred. No. 1.8e+02; 20; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 25 BP; 4 A; 6 C; 9 G; 6 T; 0 other;
                                                                                                      Human Hey-2 gene PCR primer SEQ ID NO: 157.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CGCTGCTGGTATGCTCGGGACTGG 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cachechedrorecheaedached
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Example 1; Page 15; 41pp; English.
                                                                                                                                                                                                                                                                                                   16-NOV-2000; 2000US-249508P
                                                                                                                                                                                                                                                                      13-NOV-2001; 2001WO-US43461
              DNA; 25
                                                                         (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2002-537346/57
                                                                                                                                                                                                                                                                                                                              (CEMI-) CEMINES ITC
              ABT03636 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABS55991 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    the reagents
                                                                                                                                                                                                         WO200240716-A2
                                                                                                                                                                               Homo sapiens,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       23-JAN-2003
                                                                         13-SEP-2002
                                                                                                                                                                                                                                       23-MAY-2002
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                                            ABT03636;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                            Palm K;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          tches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABSS5991/
ID ABSS
XX
AC ABSS
XX
DT 23-J
ABT03636
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The invention relates to a method of preparing flour dough for preparing baked products. The method involves adding an enzyme that hydrolyses glycollpid and phospholipid, but not triglyceride and/or 1-monoglyceride, to dough components and mixing dough components. The method is useful for preparing a flour dough which is useful for producing baked products, a moodle products, pasta products and cakes. The invention also provides a method for impreving the strength and machinability of doughs and the volume, softeness and crumb structure of bread and other baked products. The present sequence is a PCR primer used to sequence lipase (Liph) gene. This primer is used to illustrate the method of the invention.

BP; 0 A; 7 C; 9 G; 5 T; 0 other;

Sequence 21

Preparing flour dough for preparing baked products, by adding an enzyme that hydrolyses glycolipid and phospholipid, but not triglyceride and/or 1-monoglyceride, to dough components and mixing dough components

Disclosure, Page 106, 107pp; English.

This invention relates to a method of detecting the onset or presence of sporadic basal cell carcinoma (BCC) in an animal. The method involves measuring the level of Glil in a sample of skin. Glil levels above basal or normal indicate the presence or onset of sporadic basal cell carcinoma. Glil is a zinc finger transcription factor down stream of carcinoma. Glil is a zinc finger transcription factor down stream of signal transduction. Glil in turn can induce Shh expression in an auto regulatory manner. There are links between ectopic expression of the Glil gene and the development or onset of BCC. The method is useful for detecting the onset or presence of sporadic basal cell carcinoma, particularly in detecting skin cancer. The primer is used in the method ting the onset or presence of skin cancer, particularly sporadic cell carcinoma, comprises measuring the level of Glil in the Disclosure; Column 8; 21pp; English. (UYNY ) UNIV NEW YORK STATE WPI; 2001-366473/38 the invention. Altaba ARI; Detecting basal cell samble 

Sequence 18 BP; 4 A; 5 C; 5 G; 4 T; 0 other;

Length 18; C; Indels 1.1%; Score 18; DB 1; L(100.0%; Pred. No. 1.3e+02; 0; Mismatches 100.08; Conservative Local Similarity tes 18, Conserv Query Match Best Loca Matches

559 GGAGICICIGCACIACGA 576 GGAGTCTCTGCACTACGA 1 18 g ð

AAA95383 standard; DNA; 21 AAA95383/c 

AAA95383;

(first entry) 12-FEB-2001

Rat Shh coding sequence PCR primer #2

Rat; Nurr1; tyrosine hydroxylase; catecholamine-related disease; Parkinson's disease; manic depression; schizophrenia; PCR primer; ss.

Rattus norvegicus.

WO200058451-A1

05-OCT-2000

21-MAR-2000; 2000WO-US07544

99US-0277078 26-MAR-1999; (SALK ) SALK INST BIOLOGICAL STUDIES.

H Gage Palmer T, Sakurada K,

WPI; 2000-656165/63

Cell comprising exogenous nucleic acid inducing tyrosine hydroxylase expression useful for treating catecholamine-related diseases such as Parkinson's disease, manic depression and schizophrenia

Example 1; Page 20; 68pp; English

The present invention describes the rat Nurrl coding and protein sequences. The Nurrl protein is involved in the induction of tyrosine hydroxylase expression in adult rat-derived hippocampal progenitor cells. The Nurrl gene and protein can be used in the treatment of catecholamine-related diseases such as Parkinson's disease, manic depression and schizophrania. They can also be used to induce tyrosine hydroxylase expression and identify tyrosine hydroxylase related deficiencies, which are linked to the same diseases. The present sequence is a PCR primer used in a method to differentiate adult neural progenitor 8888888888888

21 BP; 2 A; 7 C; 5 G; 7 T; 0 other; Sequence

.. 0 1.1%; Score 17.8; DB 1; Length 21; 90.5%; Pred. No. 1.5e+02; ive 0; Mismatches 2; Indels Conservative Local Similarity hes 19; Conserv Query Match Best Loc Matches

. 0

604 TGACCGCGCGCAGCAAGTA 624

ò g

TGACAGGGACCGCAGCAAGTA 1 21

AAZ491

35 AAZ49111 standard; DNA; 21

AAZ49111;

06-APR-2000 (first entry)

primer for mouse Shh gene.

ô

Gaps

0

Upstream activating sequence; transgenic animal; regulatory DNA sequence; hedgehog gene; bigenic animal; transcriptional activating sequence; disease model; cancer; altered vascularisation; brain size regulation; autoimmune disease; tissue proliferation; Parkinson's disease; Sh;, Alzheimer's disease; spinal cord injury; therapy; PCR primer; ss. 

Mus

WO9963052-A2

09-DEC-1999

99WO-US12417. 03-JUN-1999;

98US-0087899. 03-JUN-1998;

(HARD ) HARVARD COLLEGE

Rowitch DH, McMahon AP;

WPI; 2000-105693/09.

Transgenic animals useful as disease models, e.g. for cancer

Example 1; Page 20; 44pp; English

This sequence represents a PCR primer for the mouse Shh gene.

The invention relates to a transgenic non-human animal (A) whose cells contain a non-viral regulatory DNA sequence (I) (e.g. an upstream activating sequence) linked to a recombinant hedgehog gene (II), which was introduced into the mammal, or its ancestor, at an embryonic stage. Bigenic animals (A'), derived from (A) by introducing a transcriptional cativating sequence (TAS), are useful as models of disease, particularly cancer (of breast, skin, prostate, kidney, lung, or central nervous system, also primitive neuroectodermal tumours and medulloblastomal.

Particularly they are used to assess the effect of misexpression of target genes on signalling pathways involving hedgehog proteins (HP) (e.g. altered vascularisation, regulation of brain size, density and e.g. altered vascularisation, regulation of brain size, density and cellular concentration etc.), and for assaying for a temporal requirement for HP in disease progression (particularly of cancers and autoimmune disease). The animals can be used to screen for potential therapeutic

1001 GAGCCCGAGGCGTCCTCGGGCTC 1023

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producing neuroectoderm cells. It is also useful for producing differentiated or partially differentiated cells from neural ectoderm cells. The method can is also useful for maintaining neuroectoderm cells in vitro in homogeneous cell populations. It can also be used for producing genetically modified neuroectoderm cells. The cells can be used in the treatment of neuronal diseases, including Parkinson's disease, Huntington's disease, 1900somal storage diseases, multiple sclerosis, also be used for preparation of tissue or organs for transplant. Neural orset cells produced by the method are useful for the treatment of spinal cond discorders and Schwann cells produced by the method are useful for the treatment of spinal cond discorders and Schwann cells produced by the method are useful for the section of the conditions.
                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The specification describes novel monomeric compositions which are substituted quinoline or quinazoline-based structures capable of hydrogen bonding specifically with interstrand purine-pyrimidine pairs in a double stranded Watson-Crick DNA molecule to form a triple-helix. The present sequence appears in the specification. (Updated on 25-MAR-2003 to correct PF field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New substd. quinoline and quinazoline cyds. - are monomers for triple helix-forming oligo:nuclectide analogues useful e.g. for treating tumours or viral infection
                                                                                                                                                                                                                                                                                                                           ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Double-stranded DNA; triple helix; quinoline; palindrome; quinazoline-based structure; hydrogen bonding; ds.
                                                                                                                                                                                                                                                                                   Query Match 1.2%; Score 18.4; DB 1; Length 2
Best Local Similarity 95.0%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 18.2; DB 1;
Pred. No. 1.5e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24 BP; 3 A; 9 C; 10 G; 2 T; 0 other;
                                                                                                                                                                                                                                                 Sequence 20 BP; 5 A; 2 C; 9 G; 4 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Example 11; Page 57; 102pp; English.
                                                                                                                                                                                                                                                                                                                                                               855 ACAGCGACTTCCTCACTTTC 874
                                                                                                                                                                                                          treatment of multiple sclerosis.
                                                                                                                                                                                                                                                                                                                                                                                                 20 ACAGCGACTICCTCACCTIC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 1.2%;
Best Local Similarity 87.0%;
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         95US-0384324.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     96WO-US01473
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAX15200 standard; DNA; 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Central region sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (updated)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (UYNE-) UNIV NEBRASKA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 1996-371338/37.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         01-FEB-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25-MAR-2003
28-APR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WO9623777-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 08-AUG-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAX15200;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gold BI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          88999999999988
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The primers AAV59457-V59462 were used in the production of hedgehog a (hh) protein derivative may be used in the prediction and diagnosis of various diseases e.g. cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sporadic basal cell carcinoma, BCC, detection, Gli1, skin cancer, transcription factor, PCR primer, human, ss, sonic hedgehog, shh.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PCR primer Shh-D specific for human secreted sonic hedgehog cDNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ..
0
                                                                                                                                                                                                                                                                                                                                              Hedgehog protein derivative and gene encoding it - useful for prediction and diagnosis of various diseases e.g. lung cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 25;
                                                                                                                                                        ds; Hedgehog protein; cancer; PCR; primer; amplification.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.2%; Score 18.2; DB 1;
Local Similarity 87.0%; Pred. No. 1.5e+02;
Nes 20; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 25 BP; 3 A; 9 C; 8 G; 5 T; 0 other;
                                                                                                                                 Hedgehog protein derivative primer 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            722 GIGGCGCCAAAICGGGAGGCIG 744
  2 dadgccdadccdccrcdgccrc 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GIGGCGCCAATCCGACGGCIG 2
                                                                                                                                                                                                                                                                                                                                                                                 Disclosure, Page 6, 7pp, Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BP.
                                                            BP.
                                                                                                                                                                                                                                                   97JP-0021811.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         97US-0050286,
                                                                                                                                                                                                                                                                           97JP-0021811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAH45474/c
ID AAH45474 standard; DNA; 18
                                                            AAV59458 standard; DNA; 25
                                                                                                          21-DEC-1998 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (first entry)
                                                                                                                                                                                                                                                                                                (ASAG ) ASAHI GLASS CO
                                                                                                                                                                                                                                                                                                                        WPI; 1998-499061/43.
                                                                                                                                                                                                     JP10215867-A.
                                                                                                                                                                                                                                                  04-FEB-1997;
                                                                                                                                                                                                                                                                           04-FEB-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US6238876-B1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            07-SEP-2001
                                                                                                                                                                              Synthetic.
                                                                                   AAV59458;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAH45474;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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Matches
                                                 AAV59458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT
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Gaps

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3; Indels

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be distinguished from adult cells in a blood specimen by (a) treating a blood specimen from a pregnant female to yield a mixture of cells comprising foctal cells and adult cells, (b) amplifying one or more mRNAs within the cells, the mRNAs being selectively expressed in target foctal cells in situ Mbridiastion controlled by the cells; (c) performing in situ Mbridiastion on the cells under hybridising conditions suitable to maintain cell membranes in a substantially intact state and with a hybridisation medium comprising a detectably labelled probe complementary to the amplified mRNA that is selectively expressed in the target foctal cells but not expressed in adult blood cells; (d) removing the hybridisation medium and unhybridised probe from the mixture of cells to yield hybridised cells, and (e) detecting the labelled probe is detected are identified as the target foctal cells; A second method for detectmining the presence of a target foctal cells presence of a target notledide sequence in individual foctal cells presence of a target notledide sequence in individual foctal cells presence of a target not detecting HIV.

The methods (especially the second) is useful for detecting contended chromosomal abnormalities in foctal cells. The present sequence in contended the present and the formal cells in the detection of the fragile X chromosome in contended the presents and the detection of the fragile and the contended the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amniocytes and in peripheral blood mononuclear cells
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1.2%; Score 18.6; DB 1; Length 25; 4.0%; Pred. No. 1.4e+02; 4; Indels Sequence 25 BP; 0 A; 9 C; 16 G; 0 U; 0 other; 0; Mismatches 1357 CGGCGGGACCGCGGGGGCGCGCC 1381 84.0%; Best Local Similarity 84.0 Matches 21; Conservative Query Match

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Gaps

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CGGCGGCGGCGGCGGCGGCGGC 25 ठ

AAV62410 standard; DNA; 20 AAV62410; AAV62410

IID AAV6

AAC AAV6

XXX AAV6

XXX AAV6

XXX AAV6

XXX XX BOBB

XXX BOBB RESULT

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(first entry) 02-FEB-1999

Human Desert hedgehog gene sense PCR primer.

Desert hedgehog; human; HuDHH; PCR; RACE; primer; ss.

Homo sapiens Synthetic

14-JAN-2000; 2000AU-0005098. 20-APR-2000; 2000AU-0007045. 27-APR-2000; 2000AU-0007143. 12-JAN-2001; 2001WO-AU00030

Rathjen PD, Rathjen J; (BRES-) BRESAGEN LTD

3P874048-A2

28-OCT-1998

98EP-0303187. 98JP-0117873. 24-APR-1998; 14-APR-1998; 25-APR-1997;

(HAYB ) HAYASHIBARA SEIBUTSU KAGAKU.

Orita K; Nakamura S, Ariyasu T,

WPI; 1998-544642/47

Human Desert hedgehog protein - and corresponding DNA and monoclonal antibody

3xample 1-4; Page 10; 39pp; English.

clone (see AAV62396) coding for movel human Desert hedgehog protein (see AAV69596). It was used with an antisense primer (see AAV62411) in a first-step PCR amplification of human leukaemia plasma cell line ARH-77 (ATCC CRL-1621) cDNA in a modified PCR method of This sense primer corresponds to nucleotides 460-479 of a cDNA

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                                                                                                                                                                                                                                                                                                                                                                                                   PCR primer; neuroectoderm cell; cell production; Parkinson's disease; early primitive ectoderm-like cell; EPL cell; cell therapy; transgenic animal; gene therapy; neuronal disease; Huntington's disease; lysosomal storage disease; multiple sclerosis; memory disorder; behavioural disorder; Alzheimer's disease; organ transplant; spinal cord disorder; Shh; ss.
                                                                                                                                                                             Gaps
3'RACE. 2 Subsequent PCR amplifications (see AAV62423-26) yielded a cDNA clone (see AAV6239) encoding a C-terminal fragment (see AAM79599) of the novel human Desert hedgehog protein. Nucleotide sequences (see AAV6293-59) encoding mature and precursor forms (see AAW79593-95) of human Desert hedgehog are claimed. The Desert hedgehog DNA, protein and a claimed monoclonal antibody can be used in to eludidate hereditary morphological abnormalities in humans to establish their treatments and diagnoses.
                                                                                                                                                                           ö
                                                                                                                                               / Match 1.2%; Score 18.4; DB 1; Length 20; Local Similarity 95.0%; Pred. No. 1.2e+02; nes 19; Conservative 0; Mismatches 1; Indels
                                                                                                                       Sequence 20 BP; 3 A; 5 C; 6 G; 6 T; 0 other;
                                                                                                                                                                                                    656 GGCTTCGACTGGGTGTACTA 675
                                                                                                                                                                                                                            1 Gecriceacredercracra 20
                                                                                                                                                                                                                                                                                   .046/c
AAF87046 standard; DNA; 20
                                                                                                                                                                                                                                                                                                                                                18-SEP-2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                                           PCR primer for Shh gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WO200151611-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19-JUL-2001
                                                                                                                                                                                                                                                                                                                        AAF87046;
                                                                                                                                                  Query Match
                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                AAF87046/
    88888888888
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This sequence represents a PCR primer for the Shh gene, used within the scope of the invention. The invention relates to a method for producing eneuroectoderm cells (1) comprises: (a) providing a source of early primitive ectoderm—like (EPL) cells and a neural-inducing conditioned medium (CM) or extract of it; and (b) contacting the EPL conditioned medium (CM) or extract for a time sufficient to generate controlled differentiation to (1). The cells or partially differentiated progeny are useful in human, or animal cell therapy, transgenic animal production, human or animal gene therapy, the screening of pharmaceutical that induce a biological response in neuroectoderm cells or their partially differentiated progeny and evaluation of biological molecules that direct differentiation of neural cells. The method is useful for Producing neuroectoderm cells for treatment of Parkinson's and Alzheimer's and for transplantation comprises culturing early primitive ectoderm-like cells in conditioned medium -Example 3; Page 41; 91pp; English. WPI; 2001-432908/46.

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Genetic testing, foetal cell; maternal; blood; pregnant; hybridisation;
detection; HIV, hepatitis virus; herpes virus; chromosomal abnormality;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The invention relates to a method of enriching foetal cells from maternal blood and for identifying such foetal cells. Foetal cells can
                                                                                                                            In the example, Fragile X Chromosome is identified in amniocytes and in peripheral blood mononuclear cells. The 5' aminohexyl oligos is coupled to the fluorescent dye fluorescenin. When an amplification of the CGG DNA fragment (of the X chromosome in Xq27.3) is present, there is an increase in the intensity of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method for distinguishing foetal cells from adult cells in blood -based on amplification and detection of mRNA selectively expressed in foetal cells
                                                 Identifying foetal cells in samples contg, maternal cells - used for monitoring foetus status, identifying sex or detecting genetic abnormalities or viral infection
                                                                                                                                                                                                                                                                        Length 25;
                                                                                                                                                                                                                                                                      Score 18.6; DB 1; Length 2
Pred. No. 1.4e+02;
0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Prashad N;
                                                                                                                                                                                                         (Updated on 25-MAR-2003 to correct PN field.) (Updated on 25-MAR-2003 to correct PI field.)
                                                                                                                                                                                                                                               Sequence 25 BP; 0 A; 9 C; 16 G; 0 U; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Cubbage ML,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example 4, 14; Column 49; 49pp; English.
                                                                                                                                                                                                                                                                                                                           1357 CGCCGGGGACCGCGGGGGCGCGCC 1381
                                                                                                                                                                                                                                                                                                                                                 ceccecceccecceccecceccecceccec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Fragile X chromosome detecting probe.
                                                                                                    Example; Page 75; 115pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bresser J,
                                                                                                                                                                                                                                                                                                                                                                                                                    뗦
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93US-0094710.
94WO-USO8342.
95US-0374144.
96US-0775609.
                                                                                                                                                                                                                                                                                   Local Similarity 84.0%;
nes 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 96US-0775609
                                                                                                                                                                                                                                                                                                                                                                                                                 AAX05267 standard; DNA; 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (first entry)
  Poindexter BJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (APRO-) APROGENEX INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Blick M,
                          WPI; 1995-075255/10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WPI; 1999-152096/13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19-JUL-1994;
17-JAN-1995;
31-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 31-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        17-JUL-1992;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US5858649-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12-JAN-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                probe; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Asgari M,
  Asgari M,
                                                                                                                                                                                                                                                                                                                                                                                                                                          AAX05267;
                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                         RESULT 56
                                                                                                                                                                                                                                                                                                                                                                                                      AAX05267
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                                                                                                                                                                                                                                                                                                                                               Probes (AAQ55857-873) detect regions of 3 fragments of the HUMGLBN gene (AAQ64058). Bases 1-91 correspond to bases 2179-2269 of HUMGLBN, bases 92-314 are from 3392-2615 of HUMGLBN and bases 315-443 are from 3502-3630 of HUMGLBN.

The probes (AAQ55854-55) were used as control, positive and negative genetic testing probes. Probe (AAQ55856) was used to detect the fragile X condition (Example 14)
(Updated on 25-MAR-2003 to correct PN field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ξ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Blick
fluroescent; kit; detection; haemoglobin; rhesus; gamma globulin; NR; nitrogen reductase; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ;
0
                                                                                                                                                                                                                                                         Identifying foetal cells, conc. from maternal blood, using specific marker - e.g. surface antigen, before in situ hybridisation of target nucleic acid to detect viral infection,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Weber WD, Ryusaki T, Prashad N, Cubbage ML,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 18.6; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 25 BP; 0 A; 9 C; 16 G; 0 U; 0 other;
                                                                                                                                                                                           Cubbage ML,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Prenatal diagnosis; fragile X; probe; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1357 CGGCGGGGACCGCGGGGGCGCGGC 1381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Disclosure; Page 73; 109pp; English.
                                                                                                                                                                                           Blick M, Bresser J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Probe for Fragile X condition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 84.0%;
Matches 21; Conservative
                                                                                                                 93WO-US06828
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          94WO-US08342
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                                                                                                                                         92US-0915965
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (updated)
(first entry)
                                                                                                                                                                                                                                                                                                genetic abnormality, etc.
                                                                                                                                                                  (RERE-) RES DEV FOUND.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (APRO-) APROGENEX INC
                                                                                                                                                                                                                                WPI; 1994-048903/06.
                                                              WO9402646-A1
                                                                                                                 19-JUL-1993;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19-JUL-1994;
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                                                                                                                                        17-JUL-1992;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WO9503431-A1
                                      Homo sapiens
                                                                                        03-FEB-1994.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25-MAR-2003
24-AUG-1995
                                                                                                                                                                                           Asgari M, 1
Prashad N;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               02-FEB-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAQ85271
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0

Gaps

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PCR primer Shh-U1 specific for human secreted sonic hedgehog cDNA. Sporadic basal cell carcinoma, BCC, detection, Gli1, skin cancer, transcription factor, PCR primer, human, ss, sonic hedgehog, shh.

(first entry)

07-SEP-2001

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AAH45477;

Homo sapiens US6238876-B1 (UYNY ) UNIV NEW YORK STATE.

Altaba ARI;

20-JUN-1997;

98US-0102491 97US-0050286

22-JUN-1998;

29-MAY-2001

AAH45477 standard; DNA; 19 BP.

AAH45477

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This invention relates to a method of detecting the onset or presence of sporadic basal cell carcinoma (BCC) in an animal. The method involves measuring the level of Gili in a sample of skin. Gili levels above basal carcinoma. Gili is a zinc finger transcription factor down stream of escreted sonic hedgehog (shh) activation in a cascade of cytoplasmic signal transduction. Gili in turn can induce sh expression in an auto regulatory manner. There are links between ectopic expression of the devalopment or onset of BCC. The method is useful for detecting the onset or presence of sporadic basal cell carcinoma, particularly in detecting skin cancer. The presence represents a PCR primer specific for human Shh cDNA. The primer is used in the method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Detecting the onset or presence of skin cancer, particularly sporadic basal cell carcinoma, comprises measuring the level of Glil in the
                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                           PCR primer Shh-U2 specific for human secreted sonic hedgehog cDNA.
                                                                                                                                                                                                                                                                                                                                                                            Sporadic basal cell carcinoma; BCC; detection; Glil; skin cancer;
transcription factor; PCR primer; human; ss; sonic hedgehog; shh.
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0
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diseases involving cell proliferation or differentiation.
                                                              Length 19,
                                                                                              Indele
                                                                                               .
0
                                                             Query Match
1.2%; Score 19; DB 1;
Best Local Similarity 100.0%; Pred. No. 99;
Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 19 BP; 7 A; 6 C; 3 G; 3 T; 0 other;
                               Sequence 19 BP; 2 A; 6 C; 5 G; 6 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure; Column 8; 21pp; English.
                                                                                                                               784 CACCAAGCTGGTGAAGGAC 802
                                                                                                                                                             caccaagergergaagagg 1
                                                                                                                                                                                                                                               BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           98US-0102491.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (UYNY ) UNIV NEW YORK STATE
                                                                                                                                                                                                                                             AAH45473 standard; DNA; 19
                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WPI; 2001-366473/38.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22-JJN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20-JUN-1997;
                                                                                                                                                                                                                                                                                                            07-SEP-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            29-MAY-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Altaba ARI;
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                                                                                                                                                                                                                                                                            AAH45473;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sample
                                                                                                                                                                                                             RESULT 52
                                                                                                                                                                                                                               AAH45473
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This invention relates to a method of detecting the onset or presence of sporadic basal cell carcinoma (BCC) in an animal. The method involves measuring the level of Gill in a sample of skin. Gill levels above basal or normal indicate the presence or onset of sporadic basal cell carcinoma. Gill is a zinc finger transcription factor down stream of secreted sonic hedgehog (shh) activation in a cascade of cytoplasmic signal transduction. Gill in turn can induce Shh expression in an auto regulatory manner. There are links between ectopic expression of the Gill gene and the development or onset of BCC. The method is useful for particularly in detecting skin cancer. The present sequence represents a PCR primer specific for human Shh cDNA. The primer is used in the
                                                                                                                                                                                                                                                                                                                                                          or presence of skin cancer, particularly sporadic a, comprises measuring the level of Glil in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FC; foetal cells; marker; probe; hybridise; denature; dye; label;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.2%; Score 19; DB 1;
100.0%; Pred. No. 99;
lve 0; Mismatches (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 19 BP; 3 A; 5 C; 5 G; 6 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; Column 8; 21pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     167 AGATGTCTGCTGCTAGTCC 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAQ55856 standard; DNA; 25
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(first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              course of the invention
                                                                                                                                                                                                                                                                                                                                                         Detecting the onset or
basal cell carcinoma,
                                                                                                                                                                                                                                                                                                                                 WPI; 2001-366473/38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
tes 19; Conserv
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25-JUL-1994
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                                                                                                                                                                                                                                                                                                                                                                                      sample
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Matches
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Gaps

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343 GAAGATCTCCAGAAACTCC 361 GAAGATCTCCAGAACTCC 19

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cells. The method is useful for culturing undifferentiated ES cells to form differentiated neuronal cells which are useful for treating a neurological disorder, especially Parkinson's disease in a patient. A gene product such as tyrosine hydroxylase, nerve growth factor (NGF), brain derived neurotrophic factor (BDNF), bFGF, glial derived growth factor (GDNF) NT-3, and NT-4/5 can be introduced into a brain of a subject. The method is useful for culturing dopaminergic, cholinergic subject. The method is useful for culturing dopaminergic, cholinergic serotonergic neuronal cells. The differentiated neuronal cells are useful for treating neurological disorders such as Huntingforn's disease, Alzaheimer's disease, multiple solerosis, severe selzure disorders including epilepsy, familial dysautonomia as well as injury or trauma to the nervous system such as neurotoxic injury or disorders of mood and chenion such as neurotoxic injury or disorders of mood and such as stroke and CNS disorders resulting from aging. Assays are useful for the nervous system such as neurotoxic injury or disorders of mood and companies of neuronal cells and to screen for antagonist or agonist of dopamine or serotonin. Call cultures comprising 5%-85% neurons which comprise 20-40% dopaminergic neurons and 1-3% astrocytes are useful for studying the mechanism of neurotransmitter synthesis and release, particularly for serotonin and dopamine, neuronal cell survival, and the electrophysiochemical properties of differentiated neuronal cells. Sequences AAIG692-721 represent genes, used for examining the Squeen of Experigic PCR primers for CNS and dopaminergic specific regulatory genes, used for examining the
              $$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
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Sequence 24 BP; 11 A; 6 C; 5 G; 2 T; 0 other;

RESULT 51

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Gaps

. 0

Length 24; 3; Indels Score 19.2; DB 1; Pred. No. 1.1e+02; 0; Mismatches 342 GGAAGATCTCCAGAAACTCCGAGC 365 1 GGAAGATCACAAGAAACTCCGAAC 24 Query Match
Best Local Similarity 87.5%;
Matches 21; Conservative ઠ

AAV18410 standard; cDNA; 19 BP

AAV18410;

(first entry) 14-SEP-1998

Human mutated sonic hedgehog (SHH) gene exon 2 PCR primer.

Sonic hedgehog; SHH gene; HH gene; tumorigenesis; basal cell carcinoma; breast cancer; medulloblastoma; tumour; cell proliferation; cell differentiation; diagnosis; therapy; human; PCR; primer; ss. 

Synthetic. Homo sapiens.

WO9821227-A1

22-MAY-1998

.2-NOV-1997;

96US-0748591 13-NOV-1996;

97WO-US20227

(REGC ) UNIV CALIFORNIA.

Hu Z; Bonifas J, Epstein E,

WPI; 1998-297857/26.

New nucleic acid encoding oncogenic human hedgehog protein - useful for, e.g. treatment and diagnosis of cancer and diseases involving cell proliferation or differentiation

Example; Page 23; 47pp; English

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      This human sonic hedgehog (SHH) gene exon 2-specific primer was used with another exon 2-specific primer (see AAV18410) in a PCR amplification of genomic DNA from 34 independent basal cell carcinomas, 14 medulloblastomas and 6 breast carcinomas. PCR primers (see AAV18407-08 and AAV18411-12) specific for SHH exons 1 and 3 were also used. PCR products were subjected to single strand conformation polymorphism analysis. 2 Mutations (see AAV18403 and AAV18404) were identified in the SHH gene from 4 human cancers. The mutated SHH genes and the encoded polypeptides (see AAV18403 and AAV18716) can be used in methods for the trearment and diagnosis of cancer and other diseases involving cell proliferation or
                                                                                                                                                                                                                                                                                                                                                                          Gaps
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0
                                                                                                                                                                                                                                                                                                                              Length 19;
                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                              1.2%; Score 19; DB 1;
.00.0%; Pred. No. 99;
                                                                                                                                                                                                                                                                                        Sequence 19 BP; 3 A; 5 C; 6 G; 5 T; 0 other;
                                                                                                                                                                                                                                                                                                                                             100.0%; Pred. No. 22,
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                               694 CCACTGCTCGGTGAAAGCA 712
                                                                                                                                                                                                                                                                                                                                                                        19; Conservative
                                                                                                                                                                                                                                                                                                                                                    Similarity
                                                                                                                                                                                                                                                differentiation.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       61
                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                    Local
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Human mutated sonic hedgehog (SHH) gene PCR primer. BP. AAV18416 standard; cDNA; 19 (first entry) 14-SEP-1998 AAV18416; AAV18416/c 

Sonic hedgehog; SHH gene; tumorigenesis; oncogenesis; basal cell carcinoma; breast cancer; medulloblastoma; tumour; cell proliferation; cell differentiation; diagnosis; therapy; human; PCR; primer; se.

Homo sapiens Synthetic

WO9821227-A1

97WO-US20227. 12-NOV-1997; 22-MAY-1998.

96US-0748591. 13-NOV-1996;

Hu 2; (REGC ) UNIV CALIFORNIA. Bonifas J, Epstein E,

WPI; 1998-297857/26.

New nucleic acid encoding oncogenic human hedgehog protein - useful for, e.g. treatment and diagnosis of cancer and diseases involving cell proliferation or differentiation

Example; Page 25; 47pp; English.

oDNA derived from human epidermal keratinocytes was amplified by 3-stage nesting using sonic hedgehog (SHH) gene stage 1 primers (see AAV18413 and AAV18414), stage 2 primers (see AAV18415 and AAV18415). The PCR product and stage 3 primers (see AAV18417 and AAV18415). The PCR product was identified as authentic SHH. A single somatic mutation (see AAV18403) of the SHH gene was found in cancers arising from 3 different tissues in independent patients. Another mutation (see AAV18404) was identified in another cancer. The mutated SHH genes and the encoded polypeptides (see AAW48735 and AAW48736) can be used in methods for the treatment and diagnosis of cancer and other

Example 1, Page 45; 107pp; English AAS13720/C
ID AAS13720 Standard; DNA; 24 BP.
AC AAS13720;
XX AAS13720;
XX GAMY-2002 (first entry)
XX Simple sequence repeat, sSR, #
XW Simple sequence repeat, plant;
XN NS509193-A.
XX A CAMY-2001, 2001NZ-0509193.
XX A CAMY-2001, 2001NZ-0509193.
XX A CAMY-2000; 2000AU-0007310.
XX CAUS-) STATE SOUTH AUSTRALIA
XX CAUS-) STATE SOUTH AUSTRALIA RESULT à ద

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The present sequence is a PCR primer for the sonic hedgehog gene (SHH). It was used in reverse transcription PCR to determine expression patterns of the SHH gene in cultured cells. These cells had been grown in low oxygen conditions, and had differential to form various types of neuronal cell. The different expression patterns can be used to determine which set of conditions promotes the differentiation of each type of neurone. The different cell types can be used for tissue transplantation, to treat disporders such as stroke, brain and spinal cord injury, Alzheimer's disease, Huntington's disease, other neurodegenerative disporders. Parkinson's disease, neurological disorders and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       psychiatric disorders.
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Sequence 24 BP; 11 A; 6 C; 5 G; 2 T; 0 other;

ö Gaps ö Length 24; 3; Indels Query Match 1.2%; Score 19.2; DB 1; Best Local Similarity 87.5%; Pred. No. 1.1e+02; Matches 21; Conservative 0; Mismatches 3;

342 GGAAGATCTCCAGAACTCCGAGC 365 24 GGAAGATCACAAGAAACTCCGAAC

Simple sequence repeat, SSR, #17.

sequence repeat; plant; ds; SSR; ryegrass; fescue; tandem repeat; profiling; grass profiling; seed batch purity testing.

STATE SOUTH AUSTRALIA SOUTH AUSTRALIAN R. UNIV SOUTHERN CROSS. STATE VICTORIA DEPT NATURAL RES & ENVIRO.

INT MAIZE & WHEAT IMPROVEMENT CENT.

ö New simple sequence repeats having 2 or more tandemly repeated motateotide core elements isolated from ryegrass and fescue, useful selecting of genes in grass or cereal breeding or profiling grass ocereal species varieties

Claim 6; Page 51; 72pp; English.

The invention relates to a substantially purified or isolated nucleic acid (1) from ryegrass or fescue species including a simple sequence repeat (SSR), having 2 or more tandemly repeated nucleotide core elements 2-6 nucleotides in length. Also included are a nucleic acid primer suitable for amplifying an SSR, identifying (M1) an SSR by preparing a library of ryegrass or fescue genomic DNA enriched for SSRs and

identifying clones in the library containing SSRs, a library of ryegrass or fescue genomic DNA enriched for SSRs prepared by the M1, selecting for a gene in grass or cereal breeding by identifying an SSR that is closely associated with the gene such that the SSR and the gene are preferentially co-inherited, and selecting for the SSR in the breeding, a method for DNA profiling grass or cereal species varieties by assessing variation between SSR varieties and testing the purity of grass or cereal seed batches by assessing variation within seed batch of an SSR. The SSRs may be used in the selection of genes in grass or cereal breeding, for profiling grass or cereal species varieties, for testing the purity of grass or cereal species varieties, for testing the purity of grass or cereal seed batches, and for DNA profiling to establish the distinct identity, uniformity and/or stability of a cultivar. The present sequence is a ryegrass or fescue SSR. 

Sequence 24 BP; 0 A; 12 C; 6 G; 6 T; 0 other;

. 0 Length 24; 3; Indels 1.2%; Score 19.2; DB 1; 87.5%; Pred. No. 1.1e+02; 0; Mismatches 21; Conservative Similarity Query Match Local Best Loca Matches

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13 GCGAGGGAGAGCGAGCGGGCGA 36 24 GCGAGCGAGCGAGCGAGCGA

ò a RESULT 49

AAI67720 standard; DNA; 24

(first entry) 27-FEB-2002 AA167720;

Receptor Shh cDNA amplifying forward primer.

Cell culturing; embryonic stem; ES; central nervous system; Shh; dopaminergic; cholinergic; serotonergic; antiparkinsonian; nootropic; neuroprotective; anticonvulsant; tranquilizer; vulnerary; neuroleptic; cerebroprotective; cell therapy; gene therapy; CNS; PCR primer; ss.

Homo sapiens

WO200183715-A2.

1002-VON-80

01-MAY-2001; 2001WO-US14051

01-MAY-2000; 2000US-201005P. US GOVERNMENT LEE S.

MCKAY R D G. LUMELSKY N. STUDER (USGO) (LEES/) (LUME/) (STUD/) (MCKA/)

McKay RDG; Studer L, Lumelsky N, Lee S,

WPI; 2002-049345/06.

Culturing cells such as neuronal cells for use in treating neurological disorders, comprises generating embryoid bodies from undifferentiated embryonic stem cells, selecting precursor cells, expanding and them differentiating X A X B X X

Example 10; Page 41; 66pp; English.

The invention provides a method of culturing cells. The method involves expanding a culture of undifferentiated embryonic stem (ES) cells, generating embryoid bodies (EB), culturing the bodies to select for central nervous system (CNS) precursos (PC), culturing PC in an expansion medium comprising a neurologic factor, and differentiating and culturing the expanded PC to form a culture of differentiated neuronal

McKay R, Studer L;

10001844-3.rng

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A method for increasing the differentiation of undifferentiated central nervous system (CNS) cells in culture. This novel method involves culturing the cells in low ambient oxygen conditions. Differentiated CNS cells can be used to treat neurodegenerative diseases such as Parkinson's disease. In order to determine the differentiated phenotype messenger RNA levels can be messured using reverse transcription PCR. This involves using PCR primers specific to certain genes. The present sequence is the forward PCR primer used to monitor the message level of
                                                                                                                                                                                                                                                         Low oxygen culturing of central nervous system progenitor cells useful in treatment of neurodegenerative disorders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ch 1.2%; Score 19.2; DB 1; 1 Similarity 87.5%; Pred. No. 1.1e+02; 21; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 24 BP; 11 A; 6 C; 5 G; 2 T; 0 other;
                                                                                                                         (CALY ) CALIFORNIA INST OF TECHNOLOGY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      342 GGAAGATCTCCAGAACTCCGAGC 365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GGAAGATCACAAGAACTCCGAAC 24
                                                                                                                                                                                                                                                                                                                        Example 1; Page 36; 80pp; English
                                                                                                                                                                     Ceste M, Doyle J, Wold BJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 99WO-US27532.
                                                            98US-0195569
99US-0425462
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99US-0425462
                  99WO-US27613
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                                                                                                                                                                                                                 WPI; 2000-387772/33
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                  18-NOV-1999;
                                                          18-NOV-1998;
22-OCT-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAA30347;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 This sequence represents a PCR primer for the Shh gene, used within the scope of the invention. The invention relates to a method for producing neuroectoderm cells (I) compises: (a) providing a source of early primitive ectoderm cells (I) compises: (a) providing a source of carly primitive ectoderm cells (I) cells and a neural-inducing conditioned medium (CM) or extract of it; and (b) contacting the EPL cells with the CM or extract for a time sufficient to generate controlled differentiation to (I). The cells or partially differentiated progeny are useful in human, or animal cell therapy, transgenic animal production, human or animal gene therapy, the screening of pharmaceutical that induce a biological response in neuroectoderm cells or their partially differentiation of neural cells. The method is useful for producing neuroectoderm cells. It is also useful for producing neuroectoderm cells. It is also useful for producing neuroectoderm cells. It is also useful for producing genetically modified neuroectoderm cells can be used for neuroenal diseases, including Parkinson's disease, thurtington's disease, lysosomal storage diseases, multiple sclerosis, commony and behavioural diseases, including Parkinson's disease, the method can also be used for preparation of tissue or organs for transplant. Neural cord multiple sclerosis also be used for preparation of tissue or organs for transplant. Neural cord multiple sclerosis cord diseaset and Schwann cells produced by the method are useful for the transment of multiple sclerosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                              Producing neuroectoderm cells for treatment of Parkinson's and Alzheimer's and for transplantation comprises culturing early primitive ectoderm-like cells in conditioned medium -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 20; DB 1; Length 20;
Pred, No. 75;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                373 GGAACTCACCCCCAATTACA 392
                                                                                                                                                                                                                                                                                                                                                                  Example 3; Page 41; 91pp; English
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        treatment of multiple sclerosis.
                                                       14-JAN-2000; 2000AU-0005098.
20-APR-2000; 2000AU-0007045.
27-APR-2000; 2000AU-0007143.
                  12-JAN-2001; 2001WO-AU00030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAA27226 standard; DNA; 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20; Conservative
                                                                                                                                                                                          Rathjen PD, Rathjen J;
                                                                                                                                                  (BRES-) BRESAGEN LTD.
                                                                                                                                                                                                                                      WPI; 2001-432908/46.
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Gaps

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Length 24; 3; Indels

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Culturing of neural crest stem cells useful for treatment of neurodegenerative disorders comprises culturing in low ambient oxygen conditions -
                                                                          Rat, cell differentiation, neurodegenerative disorder; stroke, brain injury; spinal cord injury; Alzheimer's disease, epilepsy, Huntington's disease, extinson's disease, neurological disorder; cell transplantation, 5HH, sonic hedgehog; PCR primer, ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Anderson D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Wold BJ, Morrison SJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (CALY ) CALIFORNIA INST OF TECHNOLOGY
Sonic hedgehog mRNA PCR primer #1.
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Rattus sp.

AAA27226;

Query Match

Matches

용 ò

Inazuka M;

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The present invention describes a method for cartilage differentiation by culturing capable of differentiating into cartilage under hypoxic conditions. Also described: (1) a method for producing cartilage cells or cartilage. Also described: (1) a method for producing cartilage cells or cartilage, (3) a method for preventing or treating joint diseases by transplanting an effective amount of the cartilage cells or cartilage. CC cartilage for producing preventives or transplanting an effective amount of the cartilage cells or cartilage. (4) the use of the cartilage cells or cartilage for producing preventives or cartilage differentiation or joint diseases by using any of the culture methods; (5) a method for screening preventive or inhibitors of cartilage differentiation or joint diseases by using my of the culture methods; (8) a method for screening preventives or remedies for joint diseases by using method for acreening preventives or remedies for joint diseases; (9) a method for preventives or remedies for joint diseases; (9) a method for preventives or remedies for joint diseases; (9) a method for preventives or remedies for joint diseases. The produced cultured cartilage calls or cartilage can be used in cartilage transplantation, studying genes or proteins relating to diseases. The produced cultured cartilage cells or cartilage can be used in cartilage transplantation, studying genes or proteins relating to diseases of bone fracture, methods; or their treatment, including carbinates or subtributes.
                                                                                                                                                                                                      Culture method for cartilage differentiation from cells under hypoxic conditions into cartilage cells applicable in cartilage transplantation, and studying genes or proteins relating to joint diseases
                                                                                                                                                                                                                                                                                                                                      Example 3; Page 29; 37pp; Japanese.
                       26-JUN-2001; 2001JP-0193503.
                                                                     (TAKE ) TAKEDA CHEM IND LTD.
                                                                                                                                                                    WPI; 2003-201422/19.
                                                                                                                   Hikichi Y,
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Sequence 24 BP; 3 A; 4 C; 10 G; 7 T; 0 other; 1.4%; Score 21.4; D 95.7%; Pred. No. 56; Live 0; Mismatches 650 GAGGCCGGCTTCGACTGGGTGTA 672 1 dadgccddcrrrdacrddgrcra 23 0, Conservative Local Similarity 22; Query Match Matches d ઠે

ABS55999 standard; DNA; 26 BP

23-JAN-2003 (first entry)

Mouse RT-PCR primer Shh rp #2.

Mouse; primer; ss; Hedgehog signalling pathway; T-cell mediated disease; T-cell apoptosis; Notch signalling pathway; cancer; breast; prostate; ovary; T-cell activation; T-cell proliferation; lymphoma; carcinoma; autoimmune disease; inflammatory disease; proliferative disorder; viral infection; genetic immunodeficiency; neurodegenerative disease; myelodysplastic syndrome; ischaemic injury; toxin-induced disease; wasting disease; RT-PCR; reverse transcriptase; Shh; sonic hedgehog. 

Mus musculus

The invention relates to use of a modulator of a Hedgehog signalling pathway or a modulator of a target of the pathway in the preparation of a medicament for treating Tecll mediated disease or infection or a disease or disorder associated with increased or decreased T-cell apoptosis and for modification of (peripheral) T-cell activation or proliferation or T-cell apoptosis, and for modulation of the Notch signalling pathway in immune cells. The modulator is useful for treating cancer of the breat, prostate or ovary, lymphomas and carcinomas, autoimmune diseases such as systemic lupus erythematosus, multiple sclerosis and diabetes, inflammatory diseases such as otherosclerosis and diabetes, inflammatory diseases such as etherosclerosis and psoriasis, viral inflammatory diseases such as therosclerosis and psoriasis, viral infections such as AIDS and herpesviruses, genetic immunodeficiencies, neurodegenerative diseases such as Alzeimer's disease and Parkinson's disease, myclodysplastic syndromes such as aplastic anaemia, ischaemic injuries such as mycoardial infarction, toxin-induced diseases such as calchara. This sequence represents a reverse transcriptase PCR (RT-PCR) primer used in the scope of the Use of a modulator of Hedgehog signalling pathways for treating T-cell mediated disease or infection and diseases associated with increased or decreased T-cell apoptosis and T-cell proliferation -Champion BR; Example 11; Page 110; 154pp; English. Lamb JR, Hoyne GF, Dallman MJ, 09-APR-2001; 2001GB-0008872. 09-APR-2002; 2002WO-GB01666 (LORA-) LORANTIS LTD. WPI; 2003-058470/05 WO200280952-A2 nvention. 

Gaps ö Length 26; 3; Indels DB 1; Sequence 26 BP; 3 A; 7 C; 3 G; 13 T; 0 other; 0; Mismatches Score 20.2; 1 Pred. No. 87; 1.3%; Local Similarity 88.0 nes 22; Conservative Query Match Matches

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Gaps .; 0

DB 1; Length 24; 1; Indels

ВЪ. AAF87045 standard; DNA; 20 (first entry) PCR primer for Shh gene. 18-SEP-2001 AAF87045; AAF87045

PCR primer; neuroectoderm cell; cell production; Parkinson's disease; early primitive ectoderm-like cell; EPL cell; cell therapy; transgentc animal; gene therapy; neuronal disease; Huntington's disease; lysosomal storage disease; multiple sclerosis; memory disorder; behavioural disorder; Alzheimer's disease; organ transplant; spinal cord disorder; Shh; ss. 

WO200151611-A1.

Unidentified.

19-JUL-2001

10001844-3.rng

Unidentified. EP1186319-A1 13-MAR-2002. 08-SEP-2000; 2000EP-0119741.

08-SEP-2000; 2000EP-0119741

(NORD/) NORDHEIM A.

WPI; 2002-271068/32.

Nordheim A;

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The invention relates to a replicase complex comprising a hepatitis C virus (HCV) MSSB replicase protein, a linear nucleic acid template and a complementary nucleic acid primer which is annealed to the 3' terminus of the template, where the template is at least three nucleotides and the primer is two or three nucleotides, and the template and primer do not form a stable duplex in solution in the absence of the HCV MSSB protein. The complex is useful for detecting HCV replicase activity and permits establishment of sensitive KNA-dependent RNA polymerase assays to screen and evaluate antiviral inhibitors and to improve the specificity and efficacy of the inhibitors. The complex is also useful in the development of HCV NSSB-catalysed nucleotide incorporation and investigation of mechanistic inhibitors for mis-incorporation or chain termination. Specifically, the short RNA template and primer pairs are useful in screening assays which are used for determining kinetic, thermodynamic and mechanistic properties of NSSB replication and ultimately in the development of inhibitors of NSSB replication and ultimately in the replicase activity may be used for developing anti-HCV pharmaceuticals. Sequences ABK99271-ABK99296 represent HCV NSSB replicase RNA synthesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ô
                                                                                                                                                                                                                                                         Novel replicase complex comprising hepatitis C virus NSSB replicase, a 3 nucleotide-long template to which a 2 nucleotide-long primer is annealed, and template and primer which do not form a stable duplex in the absence of HCV NSSB -
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                                                                                                                                                                                                       Ferrari E;
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                                                                                          06-APR-2001; 2001US-0828034.
                                                                                                                      07-APR-2000; 2000US-195852P
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                                                                                                                                                                                                                                WPI; 2002-582330/62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
                                                                                                                                                            HONG Z.
FERRARI E.
                                                                                                                                                                                                     Zhong W, Hong Z,
                                      US2002064771-A1.
                                                                 30-MAY-2002
           Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       templates
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(HONG/) 1
(FERR/)
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The invention relates to the use of an active agent stimulating the expression and/or function of serum response factor (SRF), SRF variants and/or members of the SRF signal transduction pathway in eukaryotic cells for the preparation of a therapeutic drug or a pharmaceutical composition for the treatment of disturbances or illness such as tumour invasion, tumour metastasis, auto-immune diseases, disturbances of would healing, lymphocyte homing and disturbances of immune defense mechanisms that are linked with SRF-crelated cellular malfunctions. Pharmaceutical compositions of the invention are used in treating gene, which include formation of convention are used in treating gene, which include formation of diseases like metastatic cancer which is influenced by the gene cupant and various hypoglycaemias. The present sequence is Shh specific reverse transcription PCR (RT-PCR) primer used in the invention.
Use of active agent stimulating expression of serum response factor, its variants or components of signal transduction pathway of factor seukaryotic cells, for treating disturbances or illness e.g. cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Osteopathic; antirheumatic; antiarthritic; cytostatic; cartilage; cartilage differentiation; joint disease; bone fracture; myeloma; osteoporosis; rheumatoid arthritis; human; Indian hedgehog;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   278 GCCTACAAGCAGTTTATCCCCAA 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GCCTACAAGCAGTTTATTCCCAA 23
                                                                                                           Disclosure, Page 7; 58pp; English
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 Similarity 95.7
22; Conservative
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ID ABZ
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25-JUN-2002; 2002WO-JP06351.

Serum response factor; SRF modulator; signal transduction; disturbance; tumour invasion; tumour metastasis; auto-immune disease; would healing; lymphocyte homing; tumoune defenses mechanism; chronic renal failure; cellular malfunction; metastatic cancer; illness; hypoglycaemia; RT-PCR; Shh; reverse transcription PCR; primer; ss.

Shh specific forward RT-PCR primer.

(first entry)

16-JUL-2002

AAD34564;

AAD34564 standard; DNA; 24 BP

AAD34564

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AAK99702 standard; DNA; 29 17-MAY-2001 셤 õ

Human oligonucleotide #2 for construction of pUB55 plasmid.

Human, hedgehog protein, nootropic, neuroprotective, anticonvulsant, cytostatic, therapy, Alzheimer's disease, Parkinson's disease, injury; Huntington's chorea, amylotropic lateral sclerosis, multiple sclerosis; nervous system aging, neurodegenerative disease, immunological disease, extracellular signalling protein; se.

Homo sapiens

NO200134654-A1

02-NOV-2000; 2000WO-US30405

99US-0164025 35-NOV-1999;

(BIOJ ) BIOGEN INC

Strauch K;

WPI; 2001-329075/34

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis.

Sxample 1; Page 54; 178pp; English

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fusion protein is useful for the prophylaxis or treatment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological conditions due to injury, aging of nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including parkinson's adisease, Huntingfon's chorea, amylotropic lateral scherosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal tumours and to specifically target medical therapies against cancers and tumours which express the receptor for the protein. The present sequence is an oligonucleotide used in the construction of pubs5 expression plasmid for expressing human sonic hedgehog protein in Pichia pastoris.

Seguence 29 BP; 3 A; 14 C; 5 G; 7 T; 0 other;

Gaps ö 1.4%; Score 22; DB 1; Length 29; 100.0%; Pred. No. 54; ative 0; Mismatches 0; Indels Query Match
Best Local Similarity 100.
Matches 22; Conservative

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TGCGGACCGGGCAGGGGGTTCG 242 receescescasses 221 22

AAK99702;

(first entry) 08-JUL-2002

Human sonic hedgehog oligonucleotide #2 SEQ ID No 37.

Cytostatic; ophthalmological; antirheumatic; antiarthritic; osteopathic;

#7.

Hepatitis C virus (HCV) NS5B replicase RNA synthesis template Hepatitis C virus; HCV; NS5B replicase; ss; RNA polymerase.

ABK99277 standard; RNA; 30 BP.

21-OCT-2002 (first entry)

ABK99277;

ABK99277/C 1D ABK99277/C XX ABK99 AC ABK99 DT 21-OC XX XX Hepat KW Hepat

The invention relates to new methods for modulating (promoting or inhibiting) angiogenesis in a subject animal using hedgehog polypeptides or its modulators are useful for instances. The hedgehog polypeptide or its modulators are useful for modulating angiogenesis in a subject. The antagonists are useful in the treatment of angiogenesis related disorders such as malignant tumours, teninopathy, macular degeneration, non-malignant tumours, relundurs, returnopathy, macular degeneration, non-malignant unmours, relundurs, osteoarthritis, nosvascular glaucoma, keloids, crohn's disease, ulcerative colitis and psoriasis. The antagonists of the invention are also useful for the treatment of tissue repair, ischaemia, diabetic retinopathy, inflammation, peribheral or central nervous system vascular disease, cachexia and high blood pressure and cholesterol levels for the modulation of ovulation, menetruation, placentation and endometrial lning formation and maintenance; and for the diagnosis of eg. cancer. This polymucleotide sequence represents the DNA of a sonic hedgehog oligonucleotide of the invention. ö vulnerary; vasotropic, antidiabetic; cerebroptotective; immunomodulator; muscular active general; hypotensive; antilipaemic; hedgehog protein; contraceptive; antidifertility; placentation; anglogenesis; retinopathy; malignant tumour; macular depeneration; non-malignant tumour; keloid; rheumatoid arthritis; osteoarthritis; neovascular glaucoma; psoriasis; crohm's disease; ulcerative colitis; tissue repair; diabetic retinopathy; ischaemia; inflammation; peripheral; central nervous system; cachexia; vascular disease; high blood pressure; cholesterol; ovulation; cancer; menstruation; gynaecological; endometrial lining formation; Use of hedgehog polypeptide, its agonists or antagonists for modulating angiogenesis in the treatment of e.g. malignant tumors, retinopathy, macular degeneration, non-malignant tumors, rheumatoid arthritis and gastrointestinal general; antiinflammatory; antiulcer; antipsoriatic; Gaps . 0 Length 29; 0; Indels 1.4%; Score 22; DB 1; 100.0%; Pred. No. 54; :ive 0; Mismatches Sequence 29 BP; 3 A; 14 C; 5 G; 7 T; 0 other; Example 8; Page 130-131; 269pp; English. TGCGGACCGGGCAGGGGTTCG 242 22 recedatecedecadeserres 1 18-JUN-2001; 2001WO-US19435. 16-JUN-2000; 2000US-211919P. Ling LE, Sanicola-nadel M; 22; Conservative WPI; 2002-291693/33. sonic hedgehog; ds (BIOJ ) BIOGEN INC Local Similarity ostecarthritis -WO200198344-A2 Homo sapiens. 27-DEC-2001 221 Query Match Matches 셤

ABT03767;

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AAA28860-61 form a XHOI-Earl fragment and create the appropriate coding sequence for placing Sonic hedgehog (Shh) adjacent to the alpha factor leader sequence in-frame. The construct was used to produce Shh (N-10) antagonist. The invention concerns Sonic, Desert and Indian HH actor antagonist. The invention concerns Sonic, Desert and Indian HH actor an bind a FH receptor but do not induce a HH-dependent signaling response and methods of producing an antagonist. The antagonists are produced by altering an N-terminal Cys-1 residue of a mature HH polypeptide. When bound to the receptor (packhed!), the isolated antagonist blocks alkaline phosphatase (AP) induction by mature HH protein when tested in an AP assay. The antagonist may be used for treating conditions characterized by over expression or activity of HH polypeptides, such as some basal cell carcinomas, and other human conjugations characterized by over expression or activity of HH polypeptides, such as some basal cell carcinomas, and other human collypeptides, such as some basal cell carcinomas, and other human collypeptides, such as some basal cell carcinomas, and other human collypeptides of the central nervous system. Other uses include control of adult neurons with regard to maintenance, functional performance and aging of normal cells, repair and regeneration in performance and aging of normal cells, repair and regeneration in the send to inhibit hair growth (eg. to treat trichosis and hirsuism) or to prevent hair loss in patients having chemo- or radiation-therapy.
                                                                                                                              Shh; hedgehog; sonic; indian; desert; antagonist; receptor; cytostatic; cerebroprotective; neuroactive; hair growth inhibitor; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Polypeptide antagonists of Sonic, Indian and Desert Hedgehog proteins useful for treating cancers, hair loss, nervous system disorders and diagnostic reagents
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 22; DB 1; Length 29; Pred. No. 54;
                                                                                      for cloning sonic hedgehog fusion protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pepinsky BR;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sxample 3; Page 13; 71pp; English.
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                                                                                                                                                                                                                                                                                                                                                                           98US-0106703
                                          (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Williams K, Rayhorn P,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            VPI; 2000-365345/31
                                                                                                                                                                                                                                          40200025725-A2
                                                                                  Oligo linker
                                            29-AUG-2000
                                                                                                                                                                                                                                                                                                                                 32-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                           32-NOV-1998;
                                                                                                                                                                                                Synthetic.
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  AAA28861;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The present invention relates to a method for determining the presence of neoplastic molecular markers in a host, involving the use of neoplastic molecular marker specific reagents to detect such markers and analysing the array of reagents, allowing the identification of the neoplastic disease present. This can be used to determine the best treatment for another, in particular neural cell, lung and prostate tumours. The present sequence is a PCR primer useful for detecting the coding sequences of markers of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human; cancer; neoplastic disease; tumour specific marker; cytostatic; transcription factor; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Determining the presence of neoplastic molecular markers, by identifying the presence of markers in host test sample using array of neoplastic molecular marker specific reagents and analyzing the array
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                                                                                      Length 22;
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                                                                                    DB 1;
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                                            Sequence 22 BP; 6 A; 8 C; 3 G; 5 T; 0 other;
                                                                                  Query Match 1.4%; Score 22; DB Best Local Similarity 100.0%; Pred. No. 43; Matches 22; Conservative 0; Mismatches
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Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human SHH gene PCR primer SEQ ID NO: 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    151 GATGCTGCTGCTGCGAGATGT 172
                                                                                                                                                                           267 IGACCCCTTTAGCCTACAAGCA 288
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AAA28861 standard; DNA; 29 BP
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                                                                                                                                                                                                                                                                                                                              ABT03767 standard; DNA; 24
                                                                                                                                                                                                                                                                                                                                                                                                                        (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
les 22; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                23-MAY-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                        13-SEP-2002
    invention.
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Palm K;

RESULT 3767
ID ABTO 3767
XX ABTO 3767
XX ABTO 3767
XX ABTO 3767
DT 13-5
XX ABTO 3767
DT 13-5
XX ABTO 3767
XX

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Gaps .. o

0; Indels

Query Match

Best Loc Matches

RESULT 38 AAA28861/ ID AAA2 XX

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21-MAY-2002 US6326143-B1 ABK10414; 

ABK10414 standard; DNA; 32 BP

(first entry)

Synthetic primer sequence 5'-C30GG-3'.

88; 5'-C30GG-3'; double stranded DNA generation; promiscuous base; target molecule; primer.

Synthetic.

04-DEC-2001

98US-0083123 22-MAY-1998; 96WO-EP05149. 22-NOV-1996;

(HOFF ) ROCHE DIAGNOSTICS GMBH

Seeger C; Drum H,

WPI; 2002-214947/27.

Determining an analyte in a sample, for generating multiple double stranded nucleic acids, comprises employing a single primer sequence with a nucleobase sequence having affinity to the sequence contained in target nucleic acid

Example 1; Column 14; 25pp; English.

The invention relates to determining an analyte in a sample comprising (a) providing a target mucleic acid comprising a region A, and a sequence B, and a sequence I linked to the 5' terminus of the nucleobase sequence B, and a sequence I linked to the 5' terminus of the nucleobase sequence B is not specific correct to the analyte, and the relation by specifically binds to the analyte, and the relation by specifically binds to the analyte, analyte bound to the target nucleic acid, where the sample, (d) hybridising a parimer to the target nucleic acid, where the prince comprises a nucleobase sequence B', and the nucleobase sequence B' and the nucleobase sequence B' and the nucleobase sequence B' where at least 9 by the prince an uncleobase sequence B', where to produce an elongation product E using the target nucleic acid as a templace contain at least one promiscuous base which is capable of as a templace acid at from the elongation product E, (g) hybridising a further primer which comprises the nucleobase sequence B' to the elongation product E, where the elongation product E sequence B' to the elongation product E, where the elongation of the further primer, (h) elongation product E, where at least 9 c sequence B' to the alongation product E, where at least 0 c sequence B' to the elongation product E' using the elongation product E sequence B' to the target nucleoides where at least 0 c produce an elongation product E' (s) hybridising a further primer of step (g) to produce another elongation product E' (s) hybridising a nucleobase sequence B' (s) to the target nucleic acid or produce another elongation product E' (k) elongation product E (k) from the target nucleic acid or produce another elongation product E' (k) from the target nucleic acid or the product B as a templace and using nucleotides where at least 0 c separating product E (k) from the target nucleic acid or elongation product E' (k) elongation product E' (k) elongation product E' and/or elongation product E' as a measure of the presence or amount

.. 0 Gaps In particular, the method is useful for generating multiple double stranded nucleic acids. The present sequence is a primer molecule used to exemplify the method of the invention. ô Length 32; DB 1; 1543 CCGGGGGCCGGGGGGGCGCGGGAGGGGG 1574 Sequence 32 BP; 0 A; 30 C; 2 G; 0 U; 0 other; 32 ccededededededededededededededed 1.4%; Score 22.4; D 81.2%; Pred. No. 51; tive 0; Mismatches Query Match
Best Local Similarity 81.2
Matches 26; Conservative 82000 8

Mouse RT-PCR primer Shh fp #2. 23-JAN-2003 (first entry) ABS55998; 

ABS55998 standard; DNA; 22

RESULT 36 ABS55998 Mouse; primer; ss; Hedgehog signalling pathway; T-cell mediated disease; T-cell apoptosis; Norch signalling pathway; cancer; breast; prostate; ovary; T-cell activation; T-cell proliferation; lymphoma; carcinoma; autoimmune disease; inflammatory disease; proliferative disorder; viral infection; genetic immunodeficiency; neurodegenerative disease; myelodysplastic syndrome; ischemuc injury; toxin-induced disease; wasting disease; RT-PCR; reverse transcriptase; Shh; sonic hedgehog.

Mus musculus.

WO200280952-A2.

17-OCT-2002.

39-APR-2002; 2002WO-GB01666

09-APR-2001; 2001GB-0008872.

(LORA-) LORANTIS LTD.

Champion BR; Dallman MJ, Lamb JR, Hoyne GF,

WPI; 2003-058470/05.

Use of a modulator of Hedgehog signalling pathways for treating T-cell mediated disease or infection and diseases associated with increased or decreased T-cell apoptosis and T-cell proliferation -

Example 11; Page 110; 154pp; English.

The invention relates to use of a modulator of a Hedgehog signalling pathway or a modulator of a target of the pathway in the preparation of a medicament for treating T-cell mediated disease or infection or a disease or disorder associated with increased or decreased T-cell apoptosis and for modification of (peripheral) T-cell activation or proliferation or T-cell apoptosis, and for modulation of the Notch signalling pathway in immune cells. The modulator is useful for treating cancer of the breast, prostate or ovary, lymphomas and carcinomas, autoimmune diseases such as systemic lupus erythmatosus, multiple sclerosis and diabetes, inflammatory diseases such as osteoarthitis and Crohn's disease, proliferative disorders such as atherosclerosis and psoriasis, viral infections such as AIDS and herpesviruses, genetic immunodeficiencies, neurodegenerative diseases such as Alzkainer's disease such as contact as aplastic anaemia, ischemic injuries such as mycoadial infarction, toxin-induced diseases such as cirrhosis and wasting diseases such as contact as eapered at seases such as cirrhosis and wasting diseases such as contact as eapered in the scope of the

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The invention relates to use of a modulator of a Hedgehog signalling pathway or a modulator of a target of the pathway in the preparation of a medicament for treating T-cell mediated disease or infection or a disease or disorder associated with increased or decreased T-cell apoptosis and T-cell apoptosis, and for modulation of the Notch signalling pathway in immune cells. The modulation of the Notch signalling pathway in immune cells. The modulation of the Notch signalling pathway in immune cells. The modulation of the Notch signalling pathway in immune cells. The modulator is useful for treating cancer of the breat, prostate or ovary. Lymphomas and carcinomas, autoimmune diseases such as offerearist and diabetes.

Drostate or ovary, Lymphomas and carcinomas, autoimmune disease, inflammatory diseases such as otheroarchitis and grohn's disease.

Drolferative diseases such as atherosclerosis and psoriasis, viral infections such as Alizheimer's disease and Parkinson's disease, myclodysplastic syndromes such as aplastic anaemia, ischaemic injuries such as mycocardial infarction, toxin-induced diseases such as cirrhosis and wasting diseases such as cachexia. This sequence represents a probe used in the scope of the invention.
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                                                                                                                                                                                                                                                                                                                                           Mouse; probe; ss; Hedgehog signalling pathway; T-cell mediated disease; T-cell apoptosis; Notch signalling pathway; cancer; breast; prostate; ovary; T-cell activation; T-cell proliferation; lymphoma; carcinoma; autoimmune disease; inflammatory disease; proliferative disorder; viral infection; genetic immunodeficiency; neurodegenerative disease; myelodysplastic syndrome; ischaemic injury; toxin-induced disease;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Use of a modulator of Hedgehog signalling pathways for treating T-cell mediated disease or infection and diseases associated with increased or decreased T-cell apoptosis and T-cell proliferation -
      Gaps
    ;
    Indels
    9
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89.3%; Pred. No. 36;
tive 0; Mismatches 3;
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    Mismatches
                                            208 CTCGGGACTGGCGTGCGGACCGGGCAGGGGGTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  wasting disease; Shh; sonic hedgehog.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example 11; Page 110; 154pp; English
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                                                                                                                                                                                   ВЪ
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09-APR-2001; 2001GB-0008873
                                                                                                                                                                                 ABS56000 standard; DNA; 28
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Best Local Similarity 89.3
Matches 25; Conservative
    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2003-058470/05
                                                                                                                                                                                                                                                                                                      Mouse Shh probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WO200280952-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus.
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27;
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The invention discloses a method for identifying a candidate polymorphic repeat within a coding sequence (expressed sequence tag, EST), which comprises detecting trandem repeats in a target coding sequence, scoring the repeats for polymorphic probability and generating a dataset correlating the repeats with polymorphic probability to identify a candidate polymorphic repeat. The computational methods (polymorphic repeats. The computational methods (polymorphic repeats in burker prediction of ubiquitous simple sequences, POMPOUS, and Rep-X) are useful for identifying and detecting candidate polymorphic repeats in human genes, which can be used to understand, treat or eliminate genetic diseases, predispositions or adverse drug-treatment reactions. Examples of diseases linked to nucleotide repeats are Machado-Joseph, Haw River syndrome, Huntington's disease, fragile-X syndrome, Fredreich's ataxis, myotonic dystrophy, hyperandrogensemia, spinal and bulbar atrophy and spinocereballar ataxia. The sequences presented in ABX79676-ABX80022 are the polymorphic repeats identified for a search of human ESTS.
                                                                                                                                                                                                                                                                  EST; expressed sequence tag; ss; polymorphic repeat; tandem repeat; polymorphic marker prediction of ubiquitous simple sequences; POMPOUS; Rep-X; human; genetic disease; drug-treatment, Machado-Joseph; Haw River syndrome; Huntington's disease; fragile-X syndrome; Predicticl's ataxis; myotonic dystrophy; hyperandrogenaemia; spinal atrophy; bulbar atrophy; spinocerebellar ataxia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Identifying a candidate polymorphic repeat within a coding sequence, for understanding or treating genetic disease, comprises detecting tandem repeats in a target coding sequence and scoring the repeats for polymorphic probability
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                                                                                                                                                                                                                                 SST polymorphic DNA repeat polynucleotide #332.
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Local Similarity 86.2%; Pred. No. 46;
tes 25; Conservative 0; Mismatches
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1 TITATICCCAACGIAGCCGAGAAGACCC 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Examples; Column 1163; 588pp; English.
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                                                                                                                   CDNA; 30
                                                                                                                                                                                             (first entry)
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                                                                                                                   ABX80007 standard;
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                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
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Matches
                                                                                 RESULT 34
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Gaps

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Length 28; Indels

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cotropic, neuroprotective, anticonvulsant, antiarrhythmic and cytostatic activities. (I) induces the expression of the BMP-2 and -4 genes, and of the Hoxd gene. (I) induces the expression of the BMP-2 and -4 genes, and of neuronal cells and survival of the differentiated cells, specifically dopaminergic or motor neurons, proliferation of chondrocytes, and proliferation, differentiation and/or survival of mesodermal or cetodermal cells, either in cell cultures (particularly for preparation of transplants) or therapeutically; (ii) for detecting loss of response, in tissues or, to hh proteins; (iii) in drug screening (to identify) (ant) agonists, useful e.g. for inhibition of spermatogenesis); and (iv) for isolation of cognate receptors. (I) may be used therapeutically to treat e.g. injuries/defects in the central or peripheral nervous systems, arrhythmias caused by nerve degenration; immunological disorders of the nervous system, e.g. multiple sclerosis; neoplastic and hyperplastic altherations in the central nervous system, also to promote attachment of prosthases. The present sequence respectate a PCR primer for human sonic hedgehog (Shh), which is used in the exemplification of the present Sequence 24 BP; 6 A; 5 C; 11 G; 2 T; 0 other; invention. 

Length 24; 0; Indels 1.5%; Score 24; DB 1; 100.0%; Pred. No. 25; ative 0; Mismatches C 524 ACCGAGGCTGGGACGAAGATGGC 547 Conservative Query Match Best Local Similarity Matches 24; Conserv à a

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Gabs

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1 ACCGAGGCTGGGACGAAGATGGC 24

406/c AAV18406 standard; cDNA; 25

14-SEP-1998 (first entry) AAV18406;

Human mutated sonic hedgehog (SHH) gene exon 2 PCR primer.

Sonic hedgehog; SHH gene; HH gene; tumorigenesis; oncogenesis; basal cell carcinoma; breast cancer; medulloblastoma; tumour; cell proliferation; cell differentiation; diagnosis; therapy; human; PCR; primer; ss.

Synthetic

Homo sapiens

WO9821227-A1

22-MAY-1998

12-NOV-1997;

96US-0748591. 13-NOV-1996;

97WO-US20227.

(REGC ) UNIV CALIFORNIA

WPI; 1998-297857/26.

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Epstein E,

Bonifas J,

New nucleic acid encoding oncogenic human hedgehog protein - useful for, e.g. treatment and diagnosis of cancer and diseases involving cell proliferation or differentiation

Example; Page 23; 47pp; English.

humans to establish their treatments and diagnoses

Sequence 33 BP; 5 A; 8 C; 14 G; 6 T; 0 other;

DB 1;

Score 23.4; I Pred. No. 39;

1.5%;

Query Match Best Local Similarity

This human sonic hedgehog (SHH) gene exon 2-specific primer was used with another exon 2-specific primer (see ARV18406) in a PCR using DNA from human bacterial artificial chromosome (BAC) DNA pools. Only pools comprising a BAC that contains the sequence tag 

Gaps defined by the primer pair will yield an amplification product. The process was continued until a single positive BAC was identified. The positive clone, BACSTORAI7, was digested with restriction enzymes and ligated into vectorette linkers. Mutations (see AAV18403 and AAV18404) have been identified in the SHH gene in human cancers. The mutated SHH genes and the encoded polypeptides (see AAW48735 and AAW48736) can be used in methods for the treatment and diagnosis of cancer and other diseases involving cell proliferation or differentiation. Human Desert hedgehog protein - and corresponding DNA and monoclonal This sense primer is based on the human Sonic hedgehog gene. It was used with an antisense primer (see AAV62419) in the PCR amplification of human A549 (ATCC CRL-185) cDNA. A recombinant DNA clone (see AAV62400) encoding human Sonic hedgehog protein (see AAW79500) was obtained. The protein was expressed in E. coli cells and used to raise monoclonal antibodise that showed specificity for both Sonic hedgehog and for novel human Desert hedgehog proteins. DNA sequences (see AAV62393-95) encoding mature and precursor forms (see AAW7953-95) of human Desert hedgehog are claimed. The Desert hedgehog are claimed. The Desert used in to elucidate hereditary morphological abnormalities in . 0 88 Sonic hedgehog; Desert hedgehog; human; HuDHH; PCR; primer; DB 1; Length 25; Indels Sequence 25 BP; 4 A; 8 C; 8 G; 5 T; 0 other; Human Sonic hedgehog gene sense PCR primer. 1.5%; Score 23.4; Dest Local Similarity 96.0%; Pred. No. 31; Matches 24; Conservative 0; Mismatches Example 4-1(a); Page 13; 39pp; English. 640 25 CAGCAAGTACGCCATGCTCGC 1 (HAYB ) HAYASHIBARA SEIBUTSU KAGAKU. 616 CAGCAAGTACGGCATGCTGGCCCGC Orita K; 98JP-0117873. 97JP-0121578. 98EP-0303187 AAV62418 standard; DNA; 33 (first entry) Nakamura S, WPI; 1998-544642/47 02-FEB-1999 Homo sapiens, 24-APR-1998; .4-APR-1998; 25-APR-1997; EP874048-A2. 28-OCT-1998 Ariyasu T, Synthetic AAV62418; RESULT 32 AAV62418 888888888888 ઠ g

survival of neurons and other neuron cells and in treating neurological

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determining whether a patient is at the risk of disorder characterised by unwanted cell proliferation or aberrant control of differentiation. The hedgehog proteins or mimetics can be used to induce foetal neurons especially neurons term cells in intracerebral grafting. The protein or its mimetic can be used in the treatment of neurological conditions e.g. injury to nervous system, ischaemia resulting from stroke, Alzheimer's disease, Parkineon's disease, Euntington's chorea, amyotrophic lateral sclerosis (ALS) and multiple sclerosis. The present DNA sequence is forward PCR primer which is used for amplifying human sonic hedgehog (Shh) gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hedgehog related-protein; sonic hedgehog protein; Shh; ischemia; stroke; desert hedgehog protein; Dhh; indian hedgehog protein; Ihh; neuron; neurological condition; nervous system injury; tumour-induced injury; aging; Altheimer's disease; chronic neurodegenerative disease; Parkinson's disease; Huntington's chorea; amylotrophic lateral sclerosis; spinocerebellar degeneration; chronic immunological disease; multiple sclerosis; PCR primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    diseases of nervous system such as Alzheimer's disease, Parkinson's
disease, Huntington's chorea, amylotrophic lateral sclerosis, multiple
                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bumcrot DA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PCR primer for cDNA encoding human sonic hedgehog protein (Shh).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Polynuclectides encoding hedgehog proteins, useful for treating
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                                                                                                                                                                                 Sequence 24 BP; 6 A; 5 C; 11 G; 2 T; 0 other;
                                                                                                                                                                                                                        100.0%; Pred. No.
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(IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD.
                                                                                                                                                                                                              Score 24;
Pred. No.
                                                                                                                                                                                                                                                                              547
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94US-0356060.
95US-0435093.
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Best Local Similarity 100.
Matches 24; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WPI; 2001-079847/09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             05-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
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04-MAY-1995;
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PCR primers AAC87097-98 were used to amplify cDNA encoding a hedgehog related-protein. The specification describes a sonic hedgehog protein (Shh), a desert hedgehog protein (Dh), and an indian hedgehog protein (Ihh). The hedgehog polymucleotides are useful in diagnostic, in antisense therapy and in therapeutic assays for detecting and treating disorders involving, e.g., aberrant expression of vertebrate hedgehog homologue. Hedgehog polypeptides are useful therapeutically to enhance

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention describes an isolated and/or recombinant polypeptide (I) comprising a hedgehog (hh) amino acid (aa) sequence encoded by a nucleic acid (II) that hybridizes under stringent conditions to lof 6 sequences (see ABN87544, and ABN87546 to ABN87550). (I) binds to a natural patched receptor. Specifically claimed example of (I) are given in ABB79132 and ABB79134 to ABB79138. (I) has antiparkinsonian,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sonic hedgehog; Shh; desert hedgehog; Dhh; Indian hedgehog; Ihh; antiparkinsonian; antiarrhythmic; neuroprotective; anticonvulsant; cytostatic; nootropic; spermatogenesis; peripheral nervous system; central nervous system; Alzheimer's disease; Parkinson's disease; Huntington's disease; arrhythmia; nerve degeneration; multiple sclerosis; immunological disorder; neoplastic; hyperplastic; PCR primer; ss.
              conditions deriving from acute, subacute, or chronic injury to the nervous system, including traumatic injury, chemical injury vasal injury and deficits (such as the ischemia resulting from stroke), together with infectious/inflammatory and induced-induced injury, aging of the nervous system including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including Parkinson's disease, Huntington's chorea, amylotrophic lateral sclerosis, spinocerebellar degenerations, and chronic immunological diseases of the nervous system or affecting the nervous system, including multiple
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New vertebrate hedgehog-related proteins, useful e.g. for promoting differentiation, survival and proliferation of cells, e.g. for treating
                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                           ..
0
                                                                                                                                                                                                                                 DB 1; Length 24; 25;
                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human sonic hedgehog (Shh) PCR primer SHHF SEQ ID NO:43.
                                                                                                                                                                                                      Sequence 24 BP; 6 A; 5 C; 11 G; 2 T; 0 other;
                                                                                                                                                                                                                            1.5%; Scc.
100.0%; Pred. No. ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (HARD ) HARVARD COLLEGE.
(IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD.
                                                                                                                                                                                                                                                                                                            524 ACCGAGGCTGGGACGAAGATGGC 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Example 5; Column 88; 116pp; English.
                                                                                                                                                                                                                                                                                                                               ACCGAGGGCTGGGACGAAGATGGC 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ingham PW, McMahon AP, Tabin CJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                  BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  95US-0462386.
93US-0176427.
94US-0356060.
95US-0435093.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  97US-0957874.
                                                                                                                                                                                                                                                                                                                                                                                                                                ABN87569 standard; DNA; 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                                                                                                                                                         24; Conservative
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                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                neurodegeneration
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US6384192-B1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20-OCT-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0-DEC-1993;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         04-MAY-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   05-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  06-AUG-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4-DEC-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic.
                                                                                                                                                                        sclerosis.
                                                                                                                                                                                                                                       Query Match
Best Local S
Matches 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABN87569;
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Sequence 24 BP; 6 A; 5 C; 11 G; 2 T; 0 other;
                                                                                                                                                                                                                                                                                                                             (HARD ) HARVARD COLLEGE.
(IMCR ) IMPERIAL CANCER RES TECHNOLOGY
                                                                                                                                                                                                                   Human Shh DNA amplifying primer SHHF5'
                                                                                                                                       524 ACCGAGGCTGGGACGAAGATGGC 547
                                                                                                                                                                                                                                                                                                                                                                                               Example 5; Column 88; 118pp; English.
                                                                                                                                              ACCGAGGGCTGGGACGAAGATGGC
     Example; Page 23; 47pp; English
                                                                                                                                                                                AAH76132 standard; DNA; 24
                                                                                                            Query Match
Best Local Similarity 100. Matches 24; Conservative
                                                                                                                                                                                                       29-OCT-2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                           WPI; 2001-456723/49.
                                                                                                                                                                                                                                                                                                05-JUN-1995;
30-DEC-1993;
14-DEC-1994;
                                                                                                                                                                                                                                                                                    20-OCT-1997;
                                                                                                                                                                                                                                                  Homo sapiens
                                                                                                                                                                                                                                                             JS6271363-B1
                                                                                                                                                                                                                                                                                                                  04-MAY-1995;
                                                                                                                                                                                                                                                                         07-AUG-2001
                                                                                                                                                                                                                                                                                                                                                Ingham PW,
                                                                                                                                                                                            AAH76132;
                                                                                                                                                                     RESULT 27
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                                                                                                                                                d
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Tabin CJ;

McMahon AP,

95US-0462386. 93US-0176427. 94US-0356060. 95US-0435093.

97US-0954698,

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The present invention relates to assay for screening compounds that potentiate or inhibit binding of hedgehog polypeptide to naturally occurring patched receptor. The hedgehog polypeptide to naturally signals produced by embryonic patterning centres, and are involved in the formation and maintenance of ordered spatial arrangements of differentiated tissues in vertebrates, both adult and embryonic. The proteins can be used to generate and/or maintain an array of different to a method for modulating growth, differentiation or survival of a mammalian cell (e.g. neuron, testicular cell) responsive to hedgehog amonists and antegonists can be used in cell culture techniques to enhance survival and maintenance of neurons and various vertebrate organogenic pathways. The hedgehog gene is useful in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human; Sonic hedgehog; Shh; morphogenic signal; neuron; embryonic patterning; cell culture; cell differentiation; ischaemia; cell prolliferative disorder; intracerebral grafting; Huntington's chorea; neurological disorder; Alzheimer's disease; Parkinson's disease; amyotrophic lateral sclerosis; ALS; multiple sclerosis; PCR primer; ss.
differentiated, neuronal cells, and for promoting proliferation, survival or differentiation of mesenchymal, endodermal or ectodermal tissue, particularly chondrocytes, or testicular germ line cells. Sequences AAH76132-133 represent PCR primers for amplifying a human Shh DNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Screening compounds that potentiate or inhibit binding of hedgehog polypeptide to naturally occurring patched receptor, comprises contacting polypeptide with receptor and test compound, and detecting change in binding -
                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human Sonic hedgehog (Shh) gene amplifying forward PCR primer SHHF.
                                                                                                                                                                                                       .
                                                                                                                                                         Length 24;
                                                                                                                                                                                                     Indels
                                                                                                                                                    DB 1;
25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             McMahon AP;
                                                                                                             24 BP; 6 A; 5 C; 11 G; 2 T; 0 other;
                                                                                                                                                      1.5%; Score 24; DB
100.0%; Pred. No. 25;
ative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD (HARD ) HARVARD COLLEGE.
                                                                                                                                                                                                                                                   524 ACCGAGGGCTGGGACGAAGATGGC 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example 5; Column 98; 127pp; English.
                                                                                                                                                                                                                                                                                            24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ingham PW,
                                                                                                                                                                                                                                                                                                                                                                                                              BP.
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95US-0435093.
95US-0460900.
95US-0462386.
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                                                                                                                                                                                                                                                                                                                                                                                                              AAD10171 standard; DNA; 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      12-SEP-2001 (first entry)
                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tabin CJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2001-440859/47.
                                                                                                                                                                                 Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14-DEC-1994;
04-MAY-1995;
05-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         02-JUL-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US6261786-B1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0-DEC-1993;
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                                                                                                                                                                                                  24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAD10171;
                                                                                                                  Sequence
                                                                                                                                                           Query Match
                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Marigo
                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                RESULT 28
                                                                                                                                                                                                                                                                                                                                                                                                                                  8898888
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel nucleic acid encoding a hedgehog polypeptide, used to produce the polypeptide, which is used to promote proliferation, survival, and/or differentiation of neuronal and mesodermal tissue -
                                                            This human sonic hedgehog (SHH) gene exon 2-specific primer was used with another exon 2-specific primer (see AAV18406) in a PCR using DNA from human bacterial artificial chromosome (BAC) DNA pools. Only pools comprising a BAC that contains the sequence tag defined by the primer pair will yield an amplification product. The process was continued until a single positive BAC was identified. The positive clone, BAC270A17, was digested with restriction nerymes and ligated into vectorette linkers. Mutations (see AAV18403 and AAV18404) have been identified in the SHH gene in human cancers. The mutated SHH genes and the encoded polypeptides (see AAV48735 and AAV48404) have be used in methods for the treatment and diagnosis of cancer and other diseases involving cell proliferation or differentiation.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Hedgehog protein, sonic hedgehog; Shh; indian hedgehog; Ihh; Dhh; desert hedgehog; cell differentiation; human; PCR primer; ss.
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 24; DB 1; Length 24; Pred. No. 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                              1.5%; Scor.
V 100.0%; Pred. No. 65,
... 0; Mismatches
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94WO-US02806

15-MAR-1994;

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The sequences given in AAQ91654-57 are primers which were used to homologous to a Drosophila hedgehog protein (AAR77337). The human sequence was isolated by screening of human genome DNA by nested polymerase chain reaction using these primers, followed by use of a clone to screen a human fetal lung 5'-stretch plus cDNA bibrary in phage lambdagt10. A clone has been isolated from a phage P1 library by polymerase chain reaction, using primers SHHF (AAQ91654) and SHR (AAQ91655), to give clone SHHP1. A 2.5-kb EcoRI CA repeat fragment is and primers SHHGRF (AAQ91655) and SHRC (AAQ91655), and sHRP (AAQ91655), and sHRP (AAQ91655). Probes and primers Gerived from the sonic hedgehog sequence may be used as diagnostic agents for neuromuscular, autonomic or central nervous system disorders, and the gene may also be used in gene therapy. Antibodies generated from the encoded protein may be used as therapeutic or research
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            New nucleic acid encoding oncogenic human hedgehog protein - useful for, e.g. treatment and diagnosis of cancer and diseases involving cell proliferation or differentiation
                                                                                  Hedgehog-like protein(s) and nucleic acid(s) encoding them - useful to treat degenerative nervous system disorder(s) and in gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sonic hedgehog; SHH gene; HH gene; tumorigenesis; oncogenesis; basal cell carcinoma; breast cancer; medulloblastoma; tumour; cell proliferation; cell differentiation; diagnosis; therapy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human mutated sonic hedgehog (SHH) gene exon 2 PCR primer,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 24; DB 1; Length 24;
Pred. No. 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seguence 24 BP; 6 A; 5 C; 11 G; 2 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Pred. ....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      524 ACCGAGGGCTGGGACGAAGATGGC 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 Acceaedecredeaceaedrede 24
                                                                                                                                                      Example 5; Page 100; 210pp; English
                Tabin CJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Hu Z;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          97WO-US20227.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAV18405 standard; cDNA; 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (REGC ) UNIV CALIFORNIA.
                Mcmahon AP,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sonifas J, Epstein E,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   numan; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 1998-297857/26.
                                               WPI; 1995-255060/33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12-NOV-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14-SEP-1998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13-NOV-1996;
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              Ingham PW,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAV18405;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Loca
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAV18405
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                   isolated small RNA molecules specific to inflammatory bowel disease such as Crohn's disease or ulcerative colitis. The sequences of the RNAs as Crohn's disease or ulcerative colitis. The sequences of the RNAs as Crohn's disease or ulcerative colitis. The sequences of the RNAs as Crohn's disease with a partial part of the human 285 rRNA (AAQ73442) when searches of nucleotide sequence can be used as probes hybridising to, or as primers to amplify, regions of the small RNAs, or thair complementary nucleic acids shown, or their sequences, present in the diseased tissues. The sequences or their complements, were used to derive peptides (AAR63104-116) which could be utilised to generate antibodies against poptides present in the diseased tissues. The sequences or their complements which this method, it is possible to perform diagnosis from bodily samples as well as biopsied tissue. This allows rapid diagnosis early in the course of the disease, an improvement over methods relying on histopathological detection available only once the disease has become
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                        of partial nucleic acid sequences (AAQ73438-42) determined from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human, sonic hedgehog gene, nested polymerase chain reaction, PCR, fetal lung, probe, primer, diagnostic, nervous system disorder; gene therapy, antibody, ss.
                                                                                                                                                                                      Diagnosis of inflammatory bowel disease - using bodily tissue as well as biopsied tissues.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
1.6%; Score 25; DB 1; Length 33;
Best Local Similarity 84.8%; Pred. No. 23;
Matches 28; Conservative 0; Mismatches 5; Indels
                                                                                                   Guerrier-takada C;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1351 CAGCGGCGGCGGGACCGCGGGGGGCGCCGCCG 1383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human sonic hedgehog protein gene primer SHHF5'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 33 BP; 0 A; 10 C; 22 G; 0 T; 1 other;
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(IMCR ) IMPERIAL CANCER RES TECHNOLOGY.
                                                                                                   Goldberg AR,
                                                                                                                                                                                                                                         Claim 1; Page 20; 71pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAQ91654 standard; cDNA; 24 BP
                                                                                                 George ST, Goldb
ID, Lundberg PUH;
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93US-0176427
                                 9305-0031778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  03-MAY-1996 (first entry)
                                                                                                                                                      WPI; 1994-316924/39.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     overtly established
                                                                  (UYYA ) UNIV YALE.
                                                                                                                  Robertson HD,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30-DEC-1994;
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30-DEC-1993;
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                                 15-MAR-1993;
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                                                                                                   Altman S,
                                                                                                                                                                                                                                                                        A series isolated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAQ91654;
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Gaps

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(first entry)

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Determining the presence of neoplastic molecular markers, by identifying the presence of markers in host test sample using array of neoplastic molecular marker specific reagents and analyzing the array
                                                                                                              Human, cancer; neoplastic disease; tumour specific marker; cytostatic; transcription factor; PCR; primer; ss.
                                                                           Human SHH gene PCR primer SEQ ID NO: 289
                                                                                                                                                                                                                                                                                                                             16-NOV-2000; 2000US-249508P.
                                                                                                                                                                                                                                                                                        13-NOV-2001; 2001WO-US43461
                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2002-537346/57.
                                                                                                                                                                                                                                                                                                                                                                  (CEMI-) CEMINES LLC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             of the reagents
                                                                                                                                                                                                             WO200240716-A2.
                                      13-SEP-2002
                                                                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                    23-MAY-2002
                                                                                                                                                                                                                                                                                                                                                                                                         Palm K;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The invention relates to novel polymer conjugates of hedgehog proteins which have increased bicavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the residues of the hedgehog protein. The hedgehog protein. The hedgehog protein. The hedgehog protein. The hedgehog (bhh) protein. The invention also relates to methods of a hedgehog fusion protein. The invention also relates to methods of a hedgehog fusion protein. The invention also relates to methods of the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various nectivity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various necroses. In particular, they may be used to prevent preventing or amaliorate neurodegenerative disorders (e.g., Parkinson's disease, and cancers. In particular, they may be used to prevent preventing or amaliorate neurodegenerative conservational diseases of the neurological disease, neurological injury and traums; immunological diseases, neurological injury and traums; immunological diseases, neurological injury and traums immunological diseases of the neurous system (e.g., multiple sclerosis); stroke, and malignant gllomas, medulloblastomas and may result in increased half-life, altered tissue distribution (such as time, increased stability in solution, protection from proteiny to remain in the vasculature for prolonged periods may allow a hedgehog protein in powder form or orse the blood-brain barrier, and an increased thermal stability would be an advantage when formulating the headenon or he present egedenic ergonesents and the presents and consents and conse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nedgehog protein in powder form. The present sequence represents a
numan Sonic hedgehog mutagenic primer used in an exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                 Modified hedgehog protein, useful in the treatment of Parkinson' disease and Huntington's chorea, comprises a polymer containing polyalkylene glycol group linked to any residue other than the N-terminal and lysine residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2.0%; Score 32.2; DB 1; Length 37; larity 91.9%; Pred. No. 2.6; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 37 BP; 7 A; 8 C; 13 G; 9 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example 6; Page 77; 157pp; English
                                                                                                                                                                                                                                                                                                           Garber E;
                                                                                                                                                                        26-MAY-2000; 2000WO-US14741.
                                                                                                                                                                                                           99US-0137011.
                                                                                                                                                                                                                                                                                                           Taylor F,
                                                                                                                                                                                                                                                                                                                                              WPI; 2001-049927/06
                                                                                                                                                                                                                                                                    (BIOJ ) BIOGEN INC.
mutagenic primer;
                                                                                            WO200073337-A1
                                                                                                                                                                                                                                                                                                           Pepinsky RB,
                                                                                                                                                                                                           01-JUN-1999;
13-AUG-1999;
                                    Homo sapiens
Synthetic.
                                                                                                                                   07-DEC-2000
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                                 The present invention relates to a method for determining the presence on neoplastic molecular markers in a host, involving the use of neoplastic molecular marker specific reagents to detect such markers and analysing the array of reagents, allowing the identification of the neoplastic disease present. This can be used to determine the best treatment for cancers, in particular neural cell, lung and prostate tumours. The sequence is a PCR primer useful for detecting the coding sequences of markers of the invention.
                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Inflammatory bowel disease, Crohn's disease, ulcerative colitis, probe, primer, amplify, small RNA, disease, tissue, antibody, biopsy, diagnosis, histopathology, detection, human, ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Crohn's disease/ulcerative colitis 3' RNA homologous to 28S rRNA.
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0
                                                                                                                                                                                                                                                                   Length 27;
                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                   DB 1;
11;
                                                                                                                                                                                                                           Seguence 27 BP; 3 A; 11 C; 9 G; 4 T; 0 other;
                                                                                                                                                                                                                                                                   Query Match 1.7%; Score 27; DB Best Local Similarity 100.0%; Pred. No. 11; Matches 27; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                    755 TCGGCCACGGTGCACCTGGAGCAGGGC 781
                                                                                                                                                                                                                                                                                                                                                                                          reseccacestacaceresascases 1
Example 1; Page 19; 41pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAQ73441 standard; RNA; 33 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (updated)
(first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO9421662-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25-MAR-2003
18-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            29-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Synthetic
                                                                                                                                                                                                                                                                                                                                                                                          27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAQ73441;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 24
AAQ73441
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Gaps

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538 CGAAGATGGCCACCACTCAGAGGAGTCTCTGCACTAC 574 cahadandeccaccacrcangedagicrcrecacrac 1

37

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Best Local Similarity Matches 34; Conserv

3768/c ABT03768 standard; DNA; 27

ABT03768/c ID ABT03 XX RESULT 23

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The invention relates to novel polymer conjugates of hedgehog proteins which have increased bloavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene cypycol group, with the proviso that the polymer is not conjugated to the protein are conjugated to the protein used in the conjugate may be a wild-type or mutant Sonic hedgehog protein. The hedgehog protein. The hedgehog protein. The hedgehog conjugate may be a wild-type or mutant Sonic hedgehog configuration protein. The invention also relates to methods of a hedgehog functionally important regions of a protein by modifying accessible amino acid side chains, and determining the effect of the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disorders, and autoinmune diseases, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodegenerative disorders (e.g., Parkinson's disease, Huntington's disease, Alzheimer's disease, and anotominate diseases, menological disease, intended in injury and trauma; immunological diseases, intended to prevent in a confidence of the nervous system (e.g., multiple sclerosis); stroke; and malignant gliomas, medulloblastomas and neuroscodemal tumours. The modifications made to the hedgehog protein may result in increased half-life, altered tissue distribution (such as an improved abblity to stay in the vasculture for longer periods of time), increased stability in solution, protection from proteolytic degradation, or reduced immunogenicity. In particular, the ability to remain in the vasculture for prolonged periods may allow a hedgehog protein of the invention to cross the bload-brain barrier, and an increased thermal stability would be an advantage when formulating the human configuration is requence represented and in a protein of the invention to cross the bload-brain barrier, and an increased the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          log protein in powder form. The present sequence represents a
Sonic hedgehog mutagenic primer used in an exemplification of the
                             Example 6; Page 77; 157pp; English
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2.1%; Score 33.8; DB 1; Length 37; 94.6%; Pred. No. 1.6; lve 0; Mismatches 2; Indels Sequence 37 BP; 6 A; 10 C; 12 G; 9 T; 0 other; 94.68; Local Similarity 94.6 1es 35; Conservative Query Match Matches

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Gaps

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538 CGAAGATGGCCACCACTCAGAGGAGTCTCTGCACTAC 574 37 ceaacarcececececeaecacrerereceae g ઠ

1041/c AAF27041 standard; DNA; 35 RESULT 21

(first entry) 30-MAR-2001

AAF27041;

Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:45

inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimer's disease; meurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; mutagenic primer; ss. Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bioavailibility; formulation; neurological disorder;

sapiens

26-MAY-2000; 2000WO-US14741. 99US-0137011 01-JUN-1999;

WO200073337-A1. Synthetic. Homo 

99US-0149016. 13-AUG-1999;

(BIOJ ) BIOGEN INC.

Garber E; Taylor Pepinsky RB,

WPI; 2001-049927/06

Modified hedgehog protein, useful in the treatment of Parkinson' disease and Huntington's chorea, comprises a polymer containing polyalkylene glycol group linked to any residue other than the N-terminal and lysine residues.

Example 6; Page 77; 157pp; English.

The invention relates to novel polymer conjugates of hedgehog proteins which have increased bioavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer is not conjugated to the original polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the original solution with the proviso that the polymer is not conjugated to the hedgehog protein. The hedgehog protein. The hedgehog protein also relates to methods of a hedgehog (lasion protein.) The invention also relates to methods of a hedgehog (lasion protein.) The invention also relates to methods of a hedgehog (lasion protein.) The invention also relates to methods of the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disorders.

Continuates of the preventing or ameliorate neurodegenerative disorders (e.g., Parkinson's disease, and cancers.) Nathelmer's disorders (e.g., Parkinson's disease, neurological hinury and trauma; immunological diseases, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodegenerative concernated meurological disease, neurological hinury and trauma; immunological diseases of the nervous system (e.g., multiple sclerosis); stroke; and malignant gliomas, medulloblastomas and may result in increased half-life, altered tissue distribution (such as an increased ability to stay in the vasculature for longer periods of time), increased stability in solution, protection from proteolytic change in the vasculature for longer periods of the remaining the vasculature for longer periods of the remaining the vasculature for longer proteolytic changer in the vasculature for longer proteolytic change in the vasculature for longer proteolytic change in the vasculature for longer proteolytic changes of the protein of the inventor of the independent of the protein contain the headendent protein contain t of the invention to cross the blood-brain barrier, and an ed thermal stability would be an advantage when formulating the gretein in powder form. The present sequence represents a Sonic hedgehog mutagenic primer used in an exemplification of hedgehog protein

Sequence 35 BP; 8 A; 15 C; 9 G; 3 T; 0 other;

Gaps ò 2.1%; Score 33.4; DB 1; Length 35; 7.1%; Pred. No. 1.7; 1; Indels 0; Mismatches 97.1%; Conservative Local Similarity les 34; Conser Query Match Best Loca Matches

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639 GCCTGGCGGTGGAGGCCGGCTTCGACTGGGTGTAC 673 35 eccrédededededectrechedereral 1 ઠે 셤

AAF27040 standard; DNA; 37 RESULT 22 AAF27040,

AAF27040;

(first entry) 30-MAR-2001 Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:44

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bioavailibility; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; canoer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour;

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an improved ability to stay in the vasculature for longer periods of time), increased stability in solution, protection from proteclyptic degradation, or reduced immunogenicity. In particular, the ability to remain in the vasculature for prolonged periods may allow a hedgehog protein of the invention to cross the blood-brain barrier, and an increased thermal stability would be an advantage when formulating the hedgehog protein in powder form. The present sequence represents a human Sonic hedgehog mutagenic primer used in an exemplification of the
                                                                                                                                                                                                                                                                                                   Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:39.
                                                                                                                        Score 35.8; DB 1;
Pred. No. 0.87;
0; Mismatches 2;
                                                                                                                                                                 597 CCACGTCTGACCGCGACCGCAGCAAGTACGGCATGCTGG
                                                                                                                                                                                   ccacercreaccecearcecrecaagraceecarecree
                                                                                                     Sequence 39 BP; 7 A; 12 C; 13 G; 7 T; 0 other;
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                                                                                                                                                                                                                               035/c
AAF27035 standard; DNA; 42 BP
                                                                                                                        2.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26-MAY-2000; 2000WO-US14741.
                                                                                                                                                                                                                                                                               30-MAR-2001 (first entry)
                                                                                                                                              Conservative
                                                                                                                                   Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                      WO200073337-A1.
                                                                                                                                                                                                                                                                                                                                                                                                         sapiens.
                                                                                                                          Mar
Local S...
37;
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                                                                                                                                                                                                                                                                                                                                                                                                                   Synthetic.
                                                                                   invention.
                                                                                                                                                                                      33
                                                                                                                                                                                                                                                           AAF27035;
                                                                                                                        Query Match
                                                                                                                                                                                                                Matches
  8×300000000×8
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Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bloavalibility; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; suerosis; mutagenic primer; ss. Modified hedgehog protein, useful in the treatment of Parkinson' disease and Huntington's chorea, comprises a polymer containing opolyalkylene glycol group linked to any residue other than the N-terminal and lysine residues -Example 6; Page 77; 157pp; English. 99US-0137011 99US-0149016 Taylor F, WPI; 2001-049927/06. (BIOJ ) BIOGEN INC. Pepinsky RB, 01-JUN-1999; 13-AUG-1999;

The invention relates to novel polymer conjugates of hedgehog proteins which have increased bloavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the N-terminus, or to lysine residues of the hedgehog protein. The hedgehog protein used in the conjugate may be a wild-type or mutant Sonic hedgehog (Shh). Indian hedgehog (Shh) or Desert hedgehog (Shh) protein, or may be a hedgehog fusion protein. The invention also relates to methods of defining and mapping functionally important regions of a protein by

modifying accessible amino acid side chains, and determining the effect the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management various medical conditions including various neurological disorders.

Inflammatory and autorimmune diseases, and cancers. In particular, they may be used to prevent preventing or amaliorate neurological disease, and seases, neurological injury and trauma; immunological disease, neurological hipty and trauma; immunological diseases, neurological injury and trauma; immunological diseases of the nervous system (e.g., multiple sclerosis); stroke; and malignant gliomas, medulloblastomas and recensed harm turnours. The modifications made to the hedgehog protein may result in increased half-life, altered tissue distribution (such as improved ability to stay in the vasculature for longer periods of time), increased stability in solution, protection from proteclytic degradation, or reduced immunogenicity. In particular, the ability to remain in the vasculature for prolonged periods may allow a hedgehog protein of the invention to cross the blood-brain barrier, and an increased thermal stability would be an advantage when formulating the human pooler for prolonged periods represents a processic periods of the modernian may are represented the presents and an increased thermal stability would be an advantage when formulating the human pooler for prolonged periods represents a process the present sequence represents and an analysis of the present seq human Sonic hedgehog mutagenic primer used in an exemplification of the 

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Gaps

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Indels 635

Length 39;

Length 42; 1, Sequence 42 BP; 11 A; 11 C; 10 G; 10 T; 0 other; Score 35.6; DB Pred. No. 0.98; 2.3%; Similarity Query Match Local

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Gaps

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Indels

4 ;

0; Mismatches

38; Conservative

Matches

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AAF27037 standard; DNA; 37 30-MAR-2001 (first entry) AAF27037; RESULT 20 AAF27037/c

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bicavailibility; formulation; neurological disorder; antiamatory disorder; autoimmune disorder; cancer; cancer; neurodegenerative disorder; Parkinson's disease, Huntington's disease, Alzheimer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:41

mutagenic primer; ss HANDER STANDER STANDER

26-MAY-2000; 2000WO-US14741. 99US-0137011 WO200073337-A1 01-JUN-1999; Synthetic.

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Homo sapiens

Garber Taylor F, BIOJ ) BIOGEN INC. Pepinsky RB,

WPI; 2001-049927/06.

99US-0149016

13-AUG-1999;

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യർ Modified hedgehog protein, useful in the treatment of Parkinson' disease and Huntington's chorea, comprises a polymer containing polyalkylene glycol group linked to any residue other than the N-terminal and lysine residues -

AAF27025;

30-MAR-2001 (first entry)

Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:29

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bioavailibility; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; mutagenic primer; ss.

Homo sapiens. Synthetic. WO200073337-A1

07-DEC-2000

26-MAY-2000; 2000WO-US14741

99US-0137011 99US-0149016 01-JUN-1999; 13-AUG-1999;

BIOJ ) BIOGEN INC.

Garber Taylor F, Pepinsky RB,

WPI; 2001-049927/06

Modified hedgehog protein, useful in the treatment of Parkinson's disease and Huntington's chorea, comprises a polymer containing a polyalkylene glycol group linked to any residue other than the N-terminal and lysine residues.

Example 2; Page 67; 157pp; English.

The invention relates to novel polymer conjugates of hedgehog proteins which have increased bloavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene collyment of a non-naturally-occurring polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the protein used in the conjugate may be a wild-type or mutant Sonic hedgehog protein. The hedgehog protein. The hedgehog protein in the conjugate may be a wild-type or mutant Sonic hedgehog claiming and mapping functionally important regions of a protein by modifying accessible amino acid side chains, and determining the effect defining and mapping functionally important regions of a protein by confitying accessible amino acid side chains, and determining the effect confitying accessible amino acid side chains, and determining the effect deprivation and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disease, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodegenerative disorders (e.g., Parkinson's disease, Huntington's disease, Alzheimer's disease, associated neurological disease, menological disease, murological injury and trauma; immunological disease, menological injury and trauma; immunological disease, menological conserved ability to stay in the vasculature for longer periods of time, increased stability in solution, protection from proteolytic degradation, or reduced immunoganicity. In particular, the ability to remain in the vasculature for prolonged periods may allow a hedgehog protein of the invention to cross the blood-brain barrier, and an increased thermal stability would be an advantage when formulating the human sonic hadrent mit areas to remain in the vasculature for prolonged periods in a personic sequence respectation of the human sonic print of the management of the management nog protein in powder form. The present sequence represents a Sonic hedgehog mutagenic primer used in an exemplification of the

Sequence 49 BP; 8 A; 18 C; 9 G; 14 T; 0 other;

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                                                                                                                                                          Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bloavalibility; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimmer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; mutagenic primer; ss.
                Gaps
                .;
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                                                                                                                                            Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:42
                               703 GGTGAAAGCAGAGAACTCGGTGGCGGCCAAATCGGGAGGCTGCT 746
Length 49;
                5; Indels
                                                49 GGTGAAAGCAGAACTCGGTGTGCGCAAAATCGGGAGGCTGAT 6
Score 36; DB 1;
Pred. No. 0.98;
                Mismatches
                ó
                                                                                           ВЪ
2.3%;
                                                                                          AAF27038 standard; DNA; 39
                                                                                                                           (first entry)
Query Match
Best Local Similarity 88.6
Matches 39; Conservative
                                                                                                                          30-MAR-2001
                                                                                                          AAF27038;
                                                                                  AAF27038/
ID AAF2
                                                                                                   g
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Modified hedgehog protein, useful in the treatment of Parkinson' disease and Huntington's chorea, comprises a polymer containing polyalkylene glycol group linked to any residue other than the N-terminal and lysine residues. WPI; 2001-049927/06.

Garber E;

Taylor F,

Pepinsky RB,

(BIOJ ) BIOGEN INC.

8-MAY-2000; 2000WO-US14741.

WO200073337-A1

17-DEC-2000.

Homo sapiens

Synthetic.

99US-0137011.

01-JUN-1999; 13-AUG-1999;

Example 6; Page 77; 157pp; English.

The invention relates to novel polymer conjugates of hedgehog proteins which have increased bloavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the reminus, or to lysine residues of the hedgehog protein. The hedgehog protein used in the conjugate may be a wild-type or mutent Sonic hedgehog protein used in the conjugate may be a wild-type or mutent Sonic hedgehog (sh), Indian hedgehog (lhh) or beart hedgehog (ph) protein, or may be a hedgehog fusion protein. The invention also relates to methods of a feffining and mapping functionally important regions of a protein by modifying accessible amino acid side chains, and determining the effect the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disorders, inflammatory and autoimmume diseases, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodogenerative clissorders diseases); age-associated neurological disease, hartington's disease, Alzheimer's disease; immunological diseases of the nervous system (e.g., multiple clisses); inflammators and malignant gliomas, medulloblastomas and result in increased half-life, altered tissue distribution (such as

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Pepinsky RB, Taylor F,
                                                                                                              WPI; 2001-049927/06
                                               (BIOJ ) BIOGEN INC
01-JUN-1999;
13-AUG-1999;
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The invention relates to novel polymer conjugates of hedgehog proteins which have increased bioavailability, The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the protein used in the conjugate may be a wild-type or mutant sonic hedgehog protein used in the conjugate may be a wild-type or mutant sonic hedgehog (Shh), Indian hedgehog (Ihh) or Desert hedgehog (Dh) protein. The hedgehog (Shh), Indian hedgehog (Ihh) or Desert hedgehog (Dh) protein, or may be a hedgehog fusion protein. The invention also relates to methods of a hedgehog fusion protein. The invention also relates to methods of the position and/or type of modification have on the activity of the modifying accessible amino acid side chains, and determining the effect the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disorders.

Inflammatory and autoimmune disease, and cancers. In particular, they disorders (e.g., Parkinson's disease), age-associated neurological disease, neurological injury and traum immunological disease, medulloblastoms and cancers and malignant gliomas, medulloblastoms and malignant gliomas, medulloblastoms and malignant gliomas, medulloblastoms and malignant gliomas made to the hedgehog protein may result in increased half-life, altered tissue distribution (such as an improved ability to stay in the vasculature for longer periods of time), increased stability in solution, protection from protecling the animonor or reduced immunogenicity. In particular, the ability to remain in the vasculature for protein and management of the invention to cross the blood-brain barrier, and an envisable for protein of the invention to cross the blood-brain barrier, and an envisable for management of the invention of th nedgehog protein in powder form. The present sequence represents a numan Sonic hedgehog mutagenic primer used in an exemplification of the Modified hedgehog protein, useful in the treatment of Parkinson's disease and funtington's chorea, comprises a polymer containing spolyalkylene glycol group linked to any residue other than the N-terminal and lysine residues. Example 6; Page 77; 157pp; English. 

Sequence 42 BP; 11 A; 14 C; 9 G; 8 T; 0 other;

ô 2.4%; Score 37.2; DB 1; Length 42; llarity 92.9%; Pred. No. 0.59; Conservative 0; Mismatches 3; Indels Query Match Best Local Similarity Matches 39; Conserv

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Gaps

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AAF27039 standard; DNA; 38 

AAF27039;

30-MAR-2001 (first entry)

Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:43.

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bioavailibility; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimer's disease; neurological injury; stroke; multiple sclerosis;

medulloblastoma; neuroectodermal tumour; malignant glioma; mutagenic primer;

Homo sapiens. Synthetic.

Garber E

99US-0137011 99US-0149016

WO200073337-A1

07-DEC-2000

26-MAY-2000; 2000WO-US14741.

99US-0137011.

01-JUN-1999; 13-AUG-1999;

(BIOJ ) BIOGEN INC.

Garber E; Taylor F, Pepinsky RB,

WPI; 2001-049927/06

ന വ Modified hedgehog protein, useful in the treatment of Parkinson' disease and Huntington's chorea, comprises a polymer containing polyalkylene glycol plinked to any residue other than the N-terminal and lysine residues -

Example 6; Page 77; 157pp; English.

The invention relates to novel polymer conjugates of hedgehog proteins which have increased bioavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polymel stock conjugated to the conjugated to a non-naturally-occurring polymer comprising a polymel stock of the hedgehog protein. The hedgehog protein. The hedgehog protein. The hedgehog protein. The hedgehog fusion protein. The invention also relates to methods of defining and mapping functionally important regions of a protein by condition protein. The invention also relates to methods of defining accessible amino acid side chains, and determining the effect the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disorders, inflammatory and autoimmune disease, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodegenerative disorders (e.g., Parkinson's disease, Huntington's disease, Alzheimer's disease); age-associated neurological disease; neurological injury and trauma; immunological diseases of the nervous system (e.g., multiple craums; immunological diseases of the nervous system (e.g., multiple creams); stroke, and malignant glommas, medulloblastomas and celerosis); stroke, and malignant glommas, medulloblastomas and celerosis distribution to cross the blood-brain and allow a hedgehog protein of the invention to cross the blood-brain barrier, and an celegration of the framal stability would be an advantage when formulating the besure of the degehog protein i 

Sequence 38 BP; 8 A; 11 C; 9 G; 10 T; 0 other;

ö DB 1; Length 38; Indels 1; 2.3%; Score 36.4; DE ilarity 97.4%; Pred. No. 0.7; Conservative 0; Mismatches Query Match Best Local Similarity 37; Matches

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Gaps

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AAF27025 standard; DNA; 49 BP. RESULT 17 AAF27025/C ID AAF27

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Example 1; Page 62; 178pp; English
multiple sclerosis
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The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fusion protein is useful for the prophylaxis or treatment of any condition or dieease state for which a hedgehog or patched protein constituents or dieease state for which a hedgehog or constituents or conditions of dieease states in biological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or chronic neurodegenerative diseases of the nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including and chronic immunological diseases of nervous system including multiple sclerosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblateomas, neuroectodermal tumours which express the receptor for the protein. The present sequence is number which express the receptor for the protein. The present sequence is number than original protein for the protein. The present sequence is the human oligonucle and the HOG-795 used to construct pWMC25 plasmid which Score 37.4; DB 1; Length 47; Pred. No. 0.61; 6; Indels 0; Mismatches 6; Indels Seguence 47 BP; 11 A; 16 C; 17 G; 3 T; 0 other; 2.4%; is used in the invention. Conservative Query Match Best Local Similarity 41; Matches

Gaps .. 0

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225 GACCGGGCAGGGGTTCGGGAAGAGAGGCACCCCAAAAAGCTGACC 271 eccesecaseserresecaseaseaseaseaseaseaseaseaseaseses

ઠ g AAF27032 standard; DNA; 42 BP

30-MAR-2001 (first entry) AAF27032;

Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:36.

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bloavaliblity; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzhehaer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; ss. mutagenic primer; ss. 

Ното варіеля Synthetic.

WO200073337-A1.

07-DEC-2000.

26-MAY-2000; 2000WO-US14741

99US-0137011 99US-0149016 01-JUN-1999; 13-AUG-1999;

(BIOJ ) BIOGEN INC.

Garber E Taylor F, Pepinsky RB,

WPI; 2001-049927/06.

Modified hedgehog protein, useful in the treatment of Parkinson's disease and Huntington's chorea, comprises a polymer containing a polyalkylene glycol group linked to any residue other than the

The invention relates to novel polymer conjugates of hedgehog proteins which have increased bioavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyar conjugated to the provision the provision that the polymer is not conjugated to the provision and protein. The hedgehog protein. The hedgehog protein. The hedgehog protein. The hedgehog (Shh), Indian hedgehog (Inh) or beeart hedgehog (Shh) protein. The mapping innctionally important regions of a protein by ceffining and mapping innctionally important regions of a protein by modifying accessible amino acid side chains, and determining the effect the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disoases, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodegenerative (sistematory and autoinmune diseases, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodegenerative (sistemators) and sutcinions's disease, Huntington's disease, Alzheimer's disease, inge-associated neurological diseases, metallorabascoms and cancers in may be used to prevent preventing or ameliorate neurodegenerative (crauma; immunological diseases); stroke, and malignant gliomas, medullobascoms and concretion from a may result in increased half-life, altered tissue distribution (such as an improved ability to stay in the vasculature for longer periods of time), increased stability in solution, protection from proteolytic cetime), increased stability in solution, protection from proteolytic cetime), increased stability would be an advantage when formulating the hedgehog protein in powder form. The present sequence represents a hedgehog protein in powder form. The present sequence represents of the human Sonic hedgehog mutagenic primer used in an exemplification of the Gaps ó Length 42; 3; Indels 338 GAAGGGAAGATCTCCAGAACTCCGAGCGATTTAAGGAACTC 379 GAAGGGAAGATCTCCAGGTGCTCCGAGCGATTTAAGGAACTC 1 Query Match 2.4%; Score 37.2; DB 1; Best Local Similarity 92.9%; Pred. No. 0.59; Matches 39; Conservative 0; Mismatches 3; Sequence 42 BP; 8 A; 13 C; 9 G; 12 T; 0 other; Example 6; Page 77; 157pp; English. N-terminal and lysine residues 42 ઠ 셤

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AAF27036 standard; DNA; 42 BP. AAF27036,

(first entry) 30-MAR-2001

AAF27036;

Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:40.

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bloavalibility; formulation; neurological disorder; inflammatory disorder; autolimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimer's disease; neurological injury; stroke; multiple sclerosts; malignant glioms; medulloblastoma; neuroectodermal tumour; serierosts; mutagenic primer; se. 

Homo sapiens Synthetic.

WO200073337-A1.

07-DEC-2000.

26-MAY-2000; 2000WO-US14741.

WPI; 2001-329075/34

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis -

Example 1; Page 62; 178pp; English.

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fusion protein is useful for the prophylaxis or treatment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for disease, the nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system including conditions and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal cumours and to specifically target medical therapies against cancers and tumours which express the receptor for the protein. The present sequence is human oligiouslesside states the receptor for the protein. The present sequence is human oligiouslesside system including multiple system in an analysimate disease. and pMMC26 plasmids which are used in the invention

Seguence 43 BP; 8 A; 10 C; 14 G; 11 T; 0 other;

Gabe ; 0 Query Match 2.6%; Score 41.4; DB 1; Length 43; Best Local Similarity 97.7%; Pred. No. 0.16; Matches 42; Conservative 0; Mismatches 1; Indels

278 GCCTACAAGCAGTTTATCCCCAATGTGGCCGAGAAGACCCTAG 320 GCCTACAAGCAGTTTCTCCCCAATGTGGCCGAGAGACCCTAG 1

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AAD09076 standard; DNA; 47 BP RESULT 12

AAD09076;

(first entry) 04-SEP-2001 Human oligonucleotide HOG-797 used to construct pMMC26.

Human, hedgehog protein, nootropic, neuroprotective, anticonvulsant, cytostatic, therapy, Alzheimer's disease, Parkinson's disease, injury, Huntington's chorea, amylotropic lateral sclerosis, multiple sclerosis, nervous system aging; neurodegenerative disease; immunological disease; malignant giloma; medulloblastoma, neuroectodermal tumour; cancer; extracellular signalling protein; HOG-797; ss. 

Homo sapiens

WO200134654-A1

17-MAY-2001

02-NOV-2000; 2000WO-US30405

99US-0164025 35-NOV-1999;

(BIOJ ) BIOGEN INC

Strauch K;

WPI; 2001-329075/34.

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis 

Example 1; Page 62; 178pp; English

proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and interprete invertebrates and interprete convertebrates. Hedgehog fusion protein is useful for the prophylaxis or trearment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system. Hedgehog fusing protein is useful for treating neurological conditions chronic neurodegenerative diseases of the nervous system, including falsese, or parkinson's disease, Huttington's chorea, amylotropic lateral sclerosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal tumours and to specifically target medical therapies against cancers and tumours which express the receptor for the protein. The present sequence is human oligonucleotide HOG-797 used to construct pWMC23 plasmid which The present invention relates to hedgehog fusion proteins. Hedgehog is used in the invention.

Sequence 47 BP; 9 A; 15 C; 20 G; 3 T; 0 other;

Gaps ·, 2.6%; Score 40.6; DB 1; Length 47; 91.5%; Pred. No. 0.22; Indels 4; 0; Mismatches Query Match Best Local Similarity 91.5 Matches 43; Conservative

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225 GACCGGGCAGGGGGTTCGGGAAGAGGAGCCACCCCAAAAAGCTGACC 271 GCCCGGGCAGGGGTTCGGGAAGAGGAGGCACCCCCAGCAGCTGACC 47

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RESULT 13

AAD09075 standard; DNA; 47 AAD09075;

(first entry) 04-SEP-2001 THE STANK ST

Human oligonucleotide HOG-795 used to construct pMMC25 plasmid.

Human, hedgehog protein, nootropic, neuroprotective, anticonvulsant, cytostatic, therapy, Alzheimer's disease, Parkinson's disease, injury, Huntington's chorea; amylotropic lateral sclerosis, multiple sclerosis, nervous system aging, neurodegenerative disease, immunological disease, malignant glioma, medulloblastoma, neuroectodermal tumour, cancer, extracellular signalling protein; HOG-795; ss.

Homo sapiens.

WO200134654-A1.

17-MAY-2001

02-NOV-2000; 2000WO-US30405.

99US-0164025. 05-NOV-1999;

(BIOJ ) BIOGEN INC

Strauch K;

WPI; 2001-329075/34.

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and

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The invention relates to novel polymer conjugates of hedgehog proteins are which have increased bioavialability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the non-naturally-occurring polymer is not conjugated to the N-terminus, or to lysine residues of the hedgehog protein. The invention also relates to methods of a hedgehog conflict and mapping functionally important regions of a protein by modifying accessible amino acid side chains, and determining the effect the position and/or type of modification have on the activity of the position and/or type of modification have on the activity of the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disorders.

CC protein. The hedgehog polymer conjugates may be used in inparticular, they may be used to prevent preventing or ameliorate neurodegenerative disorders (e.g., Parkinson's disease, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodegenerative disorders (e.g., Parkinson's disease, Huntington's disease, Alahamer's disease, is arroke, and malignant glicoms, medulloblastomas and crauma immunological diseases of the nervous system (e.g., multiple solerosis); arroke, and malignant glicoms, medulloblastomas and controcectodermal tumours The modifications made to the hedgehog protein may result in increased stability in solution, protection from protecolytic degradation, or reduced immunogenicity. In particular, the ability to reduced immunogenicity, in particular, the ability to reduced immunogenicity. In particular, the ability to reduced immunogenicity in particular, he ability would be an advantage when formulating the hedgehog protein in powder form. The present sequence Example 6; Page 77; 157pp; English. N-terminal and lysine residues

Sequence 48 BP; 10 A; 15 C; 7 G; 16 T; 0 other;

Gaps ö 398 GACATCATATTTAAGGATGAAGAAAACACCGGAGCGGACAGGCTGATG 445 Length 48; 48 GACATCATATTTAAGGATGAAGAATGTACCGGAGCGGACAGGCTGATG 3; Indels Score 43.2; DB 1; Pred. No. 0.097; 0; Mismatches 2.7%; Conservative Query Match Best Local Similarity 45; Matches 원

AAD09080 standard; DNA; 50 BP 

AAD09080;

(first entry) 04-SEP-2001

Human oligonucleotide HOG-806 used to construct pMMC25.

Human; hedgehog protein; nootropic; neuroprotective; anticonvulsant; cytostatic; therapy; Alzheimer's disease; Parkinson's disease; injury; Huntington's chorea; amylotropic lateral sclerosis; multiple sclerosis; nervous system aging; neurodegenerative disease; immunological disease; mallgmant glioma; medulloblastoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-806; ss.

Homo sapiens

WO200134654-A1

17-MAY-2001

02-NOV-2000; 2000WO-US3040S

99US-0164025 05-NOV-1999;

(BIOJ ) BIOGEN INC.

10001844-3.rng

Strauch K;

WPI; 2001-329075/34

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis

Example 1; Page 62; 178pp; English

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fusion protein is useful for the prophylaxis or trearment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological systems. Hedgehog fusion protein is useful for treating neurological conditions of chronic neurodegenerative diseases of the nervous system, including Parkeninson's diseases, huntington's chorea, amylotropic lateral sclerosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medullobiastomas, neuroectodermal tumours which express the receptor for the protein. The present sequence is human oligonucleotide HOG-806 used to construct pWMC25 plasmid which is used in the invention 

Sequence 50 BP; 6 A; 16 C; 16 G; 12 T; 0 other;

Gaps ö Score 42; DB 1; Length 50; Pred. No. 0.15; 5; Indels 0; Mismatches 2.7%; Query Match
Best Local Similarity 90.0
Matches 45; Conservative

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228 CGGGCAGGGGTTCGGGAAGAGGGCACCCCAAAAAGCTGACCCCTTTA 277 Н 50 ceeecadedearrodedadadadadadadadadadadadacceerrra

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1082/c AAD09082 standard; DNA; 43 BP. RESULT 11

AAD09082;

(first entry) 04-SEP-2001

Human oligonucleotide HOG-808 used to construct pMMC22.

Human, hedgehog protein, nootropic; neuroprotective; anticonvulsant; cytostatic; therapy; Alzheimer's disease; Parkinson's disease; injury; Huntington's chorea; amylotropic lateral sclerosis; multiple sclerosis; nelvous system aging; neurodegenerative disease; immunological disease; malignant glioma; medulloblastoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-808; ss. 

Homo sapiens

WO200134654-A1

17-MAY-2001.

02-NOV-2000; 2000WO-US30405.

99US-0164025. 05-NOV-1999;

(BIOJ ) BIOGEN INC.

Strauch K;

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Hedgehog fusion protein is useful for treating neurological conditions due to injury, aging of nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal tumours and to specifically target medical therapies against cancers and tumours which express the receptor for the protein. The present sequence is human oligonucleotide HOG-799 used to construct pMMC22, pMMC23, pMMCC25 and pMMC26 plasmids which are used in the invention. 8888888888888888

Sequence 45 BP; 12 A; 14 C; 10 G; 9 T; 0 other;

Gape ô Query Match 2.8%; Score 43.4; DB 1; Length 45; Best Local Similarity 97.8%; Pred. No. 0.086; Matches 44; Conservative 0; Mismatches 1; Indels 272 CCTTTAGCCTACAAGCAGTTTATCCCCAATGTGGCCGAGAAGACC 316 1 ccririadccracaaccacrirarccccaaggcccaagagcc 45 ð 셤

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RESULT 8

AAF27031 standard; DNA; 48 BP

AAF27031;

30-MAR-2001 (first entry)

Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:35.

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bicavailibility; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; nutagenic primer; ss

sapiens

Synthetic.

WO200073337-A1.

07-DEC-2000

26-MAY-2000; 2000WO-US14741.

99US-0137011 99US-0149016

01-JUN-1999; 13-AUG-1999;

(BIOJ ) BIOGEN INC

Garber Taylor F, Pepinsky RB,

WPI; 2001-049927/06.

Modified hedgehog protein, useful in the treatment of Parkinson's disease and Huntington's chorea, comprises a polymer containing a polyalkylene glycol group linked to any residue other than the Example 6; Page 77; 157pp; English. polyalkylene glycol group linke N-terminal and lysine residues

The invention relates to novel polymer conjugates of hedgehog proteins which have increased bioavailability. The hedgehog proteins are conjugated to a non-naturally-occurring polymer comprising a polyalkylene glycol group, with the proviso that the polymer is not conjugated to the N-terminus, or to lysine residues of the hedgehog protein. The hedgehog protein used in the conjugate may be a wild-type or mutant Sonic hedgehog (Shh), Indian hedgehog (Ihh) or Desert hedgehog (Dhh) protein, or may be a hedgehog (but or methods of a hedgehog tusion protein. The invention also relates to methods of 

defining and mapping functionally important regions of a protein by modifying accessible amino acid side chains, and determining the effect the position and/or type of modification have on the activity of the protein. The hedgehog polymer conjugates may be used in the management of various medical conditions including various neurological disorders, inflammatory and autochmune diseases, and cancers. In particular, they may be used to prevent preventing or ameliorate neurodogenerative disorders (e.g., Parkinson's disease, Huntington's disease, Alzheimer's disorders (e.g., Parkinson's disease, neurological injury and trauma; immunological diseases of the nervous system (e.g., multiple clerosis); stroke; and malignant gliomas, medulloblastomas and neurosectodermal tumours. The modifications made to the hedgehog protein neurosectodermal tumours. The modifications made to the hedgehog protein an improved ability to stay in the vasculature for longer periods of time), increased stability in solution, protection from proteciply to remain in the vasculature for prolonged periods may allow a hedgehog protein of the invention to cross the blood-brain barrier, and an protein of the invention to cross the blood-brain barrier, and an hedgehog protein in powder form. The present sequence represents a headgehog protein in powder form. The present sequence represents a human sonic hedgehog mutagenic primer used in an exemplification of the invention. 

Seguence 48 BP; 10 A; 13 C; 15 G; 10 T; 0 other;

Gaps . 0 DB 1; Length 48; 3; Indels Score 43.2; DB 1 Pred. No. 0.097; 0; Mismatches 2.7%; Local Similarity 93.8 nes 45; Conservative Query Match Matches

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AAF27034 standard; DNA; 48 BP. AAF27034/C RESULT 9

AAF27034;

30-MAR-2001 (first entry)

Human Sonic hedgehog (Shh) mutagenic primer, SEQ ID NO:38.

Sonic hedgehog; Shh; polymer conjugate; polyalkene glycol group; bloavailbiblity; formulation; neurological disorder; inflammatory disorder; autoimmune disorder; cancer; neurodegenerative disorder; Parkinson's disease; Huntington's disease; Alzheimmer's disease; neurological injury; stroke; multiple sclerosis; malignant glioma; medulloblastoma; neuroectodermal tumour; mutagenic primer; ss. THE CHANGE OF THE CONTRACT OF

Homo sapiens. Synthetic.

WO200073337-A1. 07-DEC-2000 26-MAY-2000; 2000WO-US14741

99US-0137011 99US-0149016 01-JUN-1999; 13-AUG-1999;

(BIOJ ) BIOGEN INC

Garber E; Taylor F, Pepinsky RB,

WPI; 2001-049927/06.

ന മ Modified hedgehog protein, useful in the treatment of Parkinson' disease and Huntington's chorea, comprises a polymer containing polyalkylene glycol group linked to any residue other than the

invertebrates. Hedgehog fusion protein is useful for the prophylaxis or treatment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological system or Hedgehog fusion protein is useful for treatming neurological systems. Hedgehog fusion protein is useful for treatming neurological conditions of the to injury, aging of nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including Parkinson's disease, Muntington's chorea, amylotropic lateral sclerosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal tumours and to specifically target medical therapies against cancers and tumours which express the receptor for the protein. The present sequence is human oligonucleotide HOG-789 used to construct pMMC22 plasmid which is used in the invention. aspects of embryonic development both in vertebrates and various 888888888888888888888

Seguence 47 BP; 13 A; 13 C; 18 G; 3 T; 0 other;

Gaps ö 225 GACCGGGCAGGGGTTCGGGAAGAGGAGCCCCAAAAAGCTGACC 271 Score 43.8; DB 1; Length 47; Pred. No. 0.079; 0; Mismatches 2; Indels eccceeccaececricecaaacaacacacceccaaaaacreacc 47 2.8%; Local Similarity 95.7 es 45, Conservative Query Match 셤

AAD09074 standard; DNA; 47 RESULT 6

AAD09074;

04-SEP-2001 (first entry)

Human oligonucleotide HOG-791 used to construct pMMC23.

Human; hedgehog protein; nootropic; neuroprotective; anticonvulsant; cytostatic; therapy; Alzheimer's disease; Parkinson's disease; injury; Huntington's chorse; amylotropic lateral sclerosis; multiple sclerosis; nervous system aging; neurodegenerative disease; immunological disease; malignant glioma; medulloblastoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-791; ss. 

Homo sapiens

WO200134654-A1

17-MAY-2001

02-NOV-2000; 2000WO-US30405

05-NOV-1999; 99US-0164025.

(BIOJ ) BIOGEN INC.

Strauch K;

WPI; 2001-329075/34.

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis -

Example 1; Page 61-62; 178pp; English.

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fusion protein is useful for the prophylaxis or treatment of any condition or disease state for which a hedgehog or

patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological systems. Hedgehog fusion protein is useful for treating neurological conditions due to injury, aging of nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal tumours which express the receptor for the protein. The present sequence is human obigonucleotide HOG-791 used to construct pMMC23 plasmid which is used in the invention. 

Seguence 47 BP; 11 A; 13 C; 20 G; 3 T; 0 other;

ö Gaps .. 0 GCCCGGGCAGGGGTTCGGGAGGAGGAGCACCCCAAAAAGCTGACC 47 Length 47; 2; Indels GACCGGGCAGGGGTTCGGGAAGAGGGCACCCCAAAAAGCTGACC 2.8%; Score 43.8; DB 1; ilarity 95.7%; Pred. No. 0.079; Conservative 0; Mismatches 2; Local Similarity les 45; Conserv 225 Query Match Best Loca Matches

RESULT 7 AAD0907.

AAD09077 standard; DNA; 45

BP.

AAD09077;

(first entry) 04-SEP-2001

Human oligonucleotide HOG-799 used to construct pMMC22

Human, hedgehog protein, nootropic, neuroprotective, anticonvulsant, cytostatic, therapy, Alzheimer's disease, Parkinson's disease, injury; Huntington's chorea; amylotropic lateral sclerosis, multiple sclerosis; nervous system aging; neurodegenerative disease, immunological disease; malignant glioma; medulloblastoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-799; ss.

Ношо

WO200134654-A1.

17-MAY-2001.

99US-0164025. 02-NOV-2000; 2000WO-US30405. 05-NOV-1999; 

(BIOJ ) BIOGEN INC.

Strauch K;

WPI; 2001-329075/34.

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis

Example 1; Page 62; 178pp; English.

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fusion protein is useful for the prophylaxis or treatment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological systems.

Example 1; Page 62; 178pp; English 

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog diston protein is useful for the prophlaxis or treatment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological systems. Hedgehog fusion protein is useful for treating neurological conditions due to injury, aging of nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including Parkinson's disease, Huntington's chorea, amylorropic lateral sclerosis and chonic immunological diseases of nervous system including multiple sclerosis and malignant glomas, medulloblastomas, neuroectodermal tumours and to specifically target medical therapies against cancers and tumours which express the receptor for the protein. The present sequence is human oligonucleotide HGG-804 used to construct pWMC23 plasmid which is used in the invention. ö Gaps Sequence 50 BP; 6 A; 19 C; 13 G; 12 T; 0 other; Query Match Best Loca Matches

ö 3.1%; Score 48.4; DB 1; Length 50; 98.0%; Pred. No. 0.19; ive 0; Mismatches 1; Indels Conservative Local Similarity les 49; Conserv

CGGGCAGGGGTTCGGGAAGAGGCACCCCAAAAAGCTGACCCCTTTA, 277 desecheseserreseshesheshesekesekeeceehaaaaserekeecerrra 228 20

RESULT 4

Human, hedgehog protein, nootropic, neuroprotective, anticonvulsant, cytostatic; therapy, Alzheimer's disease, Parkinson's disease; injury; Huntington's chorea; amylotropic lateral sclerosis; multiple sclerosis; netvous system aging, neurodegenerative disease; immunological disease; malignant giloma; medulloblastoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-807; ss. 

99US-0164025.

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fuelon protein is useful for the prophylaxis or treatment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnosit purposes in non-physiological systems. Hedgehog fusion protein is useful for treating neurological conditions due to injury, aging of nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including multiple and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medialloblastomas, neuroectodermal cumours and to specifically target medical therapies against cancers and tumours which express the receptor for the protein. The present sequence is mad in the construct pWMC26 plasmid which is used in the invention

Sequence 50 BP; 6 A; 19 C; 15 G; 10 T; 0 other;

Gaps . 0 2.9%; Score 45.2; DB 1; Length 50; 94.0%; Pred. No. 0.053; ative 0; Mismatches 3; Indels Local Similarity 94.0 nes 47; Conservative Query Match Matches

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228 CGGGCAGGGGTTCGGGAAGAGGAGCCACCCAAAAAGCTGACCCCTTTA 277 50 CGGCAGGGGTTCGGGAAGAGGAGCACCCCCAGCAGCTGACCCCTTTA

ò 셤 RESULT 5 AAD09073

AAD09073 standard; DNA; 47 BP

AAD09073;

04-SEP-2001 (first entry)

Human oligonucleotide HOG-789 used to construct pMMC22.

Human; hedgehog protein; nootropic; neuroprotective; anticonvulsant; cytostatic; therapy; Alzheimer's disease; Parkinson's disease; injury; Huntingston's chorea; amylotropic lateral sclerosis; multiple sclerosis; nervous system aging; neurodegenerative disease; immunological disease; malignant glioma; medulloblascoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-789; ss.

Homo sapiens.

WO200134654-A1

17-MAY-2001

02-NOV-2000; 2000WO-US30405. 

05-NOV-1999;

99US-0164025 (BIOJ ) BIOGEN INC

Strauch K;

WPI; 2001-329075/34

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson' disease, Huntington's chorea, amylotropic lateral sclerosis, an

multiple sclerosis -

Example 1; Page 61; 178pp; English.

The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate

sclerosis

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Human oligonucleotide HOG-807 used to construct pMMC26.

Example 1; Page 62; 178pp; English

WPI; 2001-329075/34

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invention
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The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog dusion protein is useful for the prophlaxis or treatment of any condition or disease state for which a hedgehog or patched protein constituents of disease states in biological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological conditions due to injury, aging of nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including partineor's disease, mutington's chorea, amylotropic lateral sclasosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal tumours and to specifically target medical horapies against cancers and tumours which express the receptor for the protein. The present sequence is human oligonucleotide HOG 403 used to construct pKS2285, pKS288, incentions of the protein are used in the invention.
Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis
                                                                                                                                                                                                                                                                                                                                     Example 1; Page 60; 178pp; English
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Gaps 321 ö CCTTTAGCCTACAAGCAGTTTATCCCCAATGTGGCCGAGAAGACCCTAGG Length 50; 0; Indels Sequence 50 BP; 11 A; 11 C; 15 G; 13 T; 0 other; Score 50; DB 1; Pred. No. 0.011; 100.0%; Pred. No. 0.0 iive 0; Mismatches 3.28; Conservative Local Similarity 20; 272 Query Match Matches ò 셤

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50 cerrinadecracaadeadrinarececaargidecegagaagaeeraag

AAD09078 standard; DNA; 50 AAD09078; 

(first entry) 04-SEP-2001 Human oligonucleotide HOG-803 used to construct pMMC22.

Human; hedgehog protein; nootropic; neuroprotective; anticonvulsant; cytostatic; therapy; Alzheimer's disease; Parkinson's disease; injury; Huntington's chorea; amylotropic lateral sclerosis; multiple sclerosis; nervous system aging; neurodegenerative disease; immunological disease; malignant glioma; medulloblastoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-803; ss.

Homo sapiens.

WO200134654-A1.

17-MAY-2001

02-NOV-2000; 2000WO-US30405

99US-0164025. 05-NOV-1999;

(BIOJ ) BIOGEN INC

Strauch K;

WPI; 2001-329075/34

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The present invention relates to hedgehog fusion proteins. Hedgehog proteins are a family of extracellular signalling proteins that regulate various aspects of embryonic development both in vertebrates and in invertebrates. Hedgehog fusion protein is useful for the prophylaxis or trearment of any condition or disease state for which a hedgehog or patched protein constituent is efficacious and in the diagnosis of constituents or conditions of disease states in biological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diagnostic purposes in non-physiological system or specimens and for diseases of the nervous system, including Alzheimer's disease, chronic neurodegenerative diseases of the nervous system, including can disease, and chronic immunological diseases of nervous system including multiple sclerosis and chronic immunological diseases of nervous system including multiple sclerosis and malignant gliomas, medulloblastomas, neuroectodermal tumours which express the receptor for the protein. The present sequence is human oligonolectide HOG-803 used to construct phWCC22 plasmid which
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Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and multiple sclerosis.
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Local Similarity 98.0%; Pred. No. 0.01
les 49; Conservative 0; Mismatches
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Human oligonucleotide HOG-804 used to construct pMMC23. (first entry) 04-SEP-2001 AAD09079;

BP

AAD09079 standard; DNA; 50

RESULT 3 AAD09079/c

Human; hedgehog protein; nootropic; neuroprotective; anticonvulsant; cytostatic; therapy; Alzheimer's disease; Parkinson's disease; injury; Huntington's chorea; amylotropic lateral sclerosis; multiple sclerosis; nervous system aging; neurodegenerative disease; immunological disease; malignant glioma; medulloblastoma; neuroectodermal tumour; cancer; extracellular signalling protein; HOG-804; ss. 

Homo sapiens

WO200134654-A1.

17-MAY-2001

02-NOV-2000; 2000WO-US30405

99US-0164025 05-NOV-1999;

(BIOJ ) BIOGEN INC.

Strauch K;

WPI; 2001-329075/34.

Novel isolated hedgehog fusion polypeptide useful for treating neurological conditions such as Alzheimer's disease, Parkinson's disease, Huntington's chorea, amylotropic lateral sclerosis, and

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## ALIGNMENTS

G-403 used to construct pKS285.

i nootropic; neuroprotective; anticonvulsant; heimer's disease; Parkinson's disease; injury; Alotropic lateral sclerosis; multiple sclerosis; purodgenerative disease; immunological disease; loblastoma; neuroectodermal tumour; cancer; protein; HOG-403; ss.

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Sequence 12 Sequence 12 Sequence 7, Sequence 8,	Sequence 34 Sequence 34 Sequence 9,	Sequence 30 Sequence 5,	Sequence 7, Sequence 8,	Sequence 44	Sequence 43	Sequence 3,	Sequence 43	Sequence 11	Sequence 3,	Sequence 4,	Sequence 42	Sequence 43	Sequence 7,	Sequence 4, Appli	Sequence 42, App	Sequence 42, App	Sequence 43, App	Sequence 15, App. Sequence 7, Appl.	Sequence 8, Appl	Sequence 7, Appl. Sequence 8, Appl	Sequence 5274, A	2 sequence 9962, A Sequence 25, App	Sequence 10, App	sequence 42, App Sequence 43, App	Sequence 23, App	Sequence 23	Sequence 35, App	Sequence 42, App	Sequence 3430, A	49 Seguence 56	Sequence 15	Sequence 32	Sequence 4.	Sequence 75	Sednence 33	Sequence 15	Sequence 4,	Sequence 43	Sequence 47	Sequence 5	Sequence 49	Sequence 54	Sequence 6	o position of
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VI-1095-11246-5 VIS-08-271-942A-77 VIS-08-196-218-9 VIS-08-196-218-9 VIS-08-196-218-9 VIS-08-181-953-8 VIS-0	US-08-748-068-11 Sequence US-08-485-689-27 Sequence US-08-476-0718-27 Sequence	US-08-478-608B-27 Sequence US-08-478-608B-27 Sequence US-08-849-021-16 Semience	US-08-460-890A-8 Sequence	US-08-18/-841C-8 Sequence US-08-985-162-220 Sequence	US-08-985-162-221 Sequence	US-08-998-099-10 Sequence	US-08-998-099-47 Sequence US-08-998-099-48 Sequence	US-08-998-099-75 Sequence US-08-998-099-120 Sequence	US-08-460-971A-8 Sequence 8, Appli	US-08-462-040-8 Sequence 8, Appli 119-08-476-4238-27 Sequence 27, Appl	US-08-584-040-5410 Sequence 5410, Ap	US-09-474-432B-599 Sequence 599, App IIS-09-474-432B-697 Sequence 697, App	US-09-474-432B-758 Sequence 758, App	US-09-474-432B-818 Sequence US-09-371-772B-2309 Sequence	US-09-371-772B-4193 Sequence	US-09-371-772B-4966 Sequence	US-09-371-772B-4967 Sequence US-09-371-772B-6383 Sequence	PCT-US95-08604-77 Sequence US-08-068-747-2 Sequence	US-08-127-954-8 Sequence	US-08-196-538-15 Sequence 15, Appl US-08-233-030-48 Sequence 48, Appl	US-08-373-124A-1477 Sequence US-08-530-492-57 Sequence	US-08-623-891-30 Sequence	US-08-758-306-11 Sequence	US-08-758-306-457 Sequence US-08-758-306-459 Sequence	US-08-758-306-463 Sequence US-08-758-306-811 Semience	US-08-435-628-1477 Sequence	US-08-849-021-3 Sequence	US-08-849-021-4 Sequence US-08-849-021-5 Semience	US-08-849-021-6 Sequence	US-08-985-162-553 Sequence US-08-985-162-554 Sequence	US-08-388-029A-4 Sequence	US-08-906-517-57 Sequence	US-09-040-774-4 Sequence	US-09-324-867-61 US-08-881-450A-6 Sequence	US-09-017-974-79 Sequence	US-08-682-255A-79 Sequence US-08-584-040-1471 Semisance	US-08-584-040-3972 Sequence	US-08-584-040-3997 Seguence US-08-584-040-4075 Seguence	US-08-584-040-7232 Sequence	US-08-6/9-645-70 Sequence
	1 US-08-748-068-11 Sequence 1 US-08-485-689-27 Sequence 1 US-08-485-699-27 Sequence	1 US-08-478-021A-2/ Sequence 1 US-08-478-608B-27 Sequence 1 US-08-849-021-16 Sequence	1 US-08-460-890A-8 Sequence	1 US-08-18/-541C-8 Sequence 1 US-08-985-162-220 Sequence	1 US-08-985-162-221 Sequence 1 US-08-779-916A-77 Sequence	1 US-08-998-09-10 Sequence	1 US-08-998-099-4/ Sequence 1 US-08-998-099-48 Sequence	1 US-08-998-099-75 Sequence 1 US-08-998-099-120 Sequence	1 US-08-460-971A-8 Sequence 8, Appli	1 US-08-462-040-8 Sequence 8, Appli 1 HS-08-476-423A-27 Semience 27, Appl	1 US-08-584-040-5410 Sequence 5410, Ap	1 US-09-474-432B-599 Sequence 599, App 1 US-09-474-432B-697 Semience 697, App	1 US-09-474-432B-758 Sequence 758, App	1 US-09-474-432B-818 Sequence 1 US-09-371-772B-2309 Sequence	1 US-09-371-772B-4193 Sequence	1 US-09-371-772B-4966 Sequence	1 US-09-371-772B-4967 Sequence 1 US-09-371-772B-6383 Sequence	1 PCT-US95-08604-77 Sequence 1 US-08-068-747-2 Sequence	1 US-08-127-954-8 Sequence	l US-08-196-538-15 Sequence 15, Appl 1 US-08-233-030-48 Sequence 48, Appl	1 US-08-373-124A-1477 Sequence 1 US-08-530-492-57 Sequence	1 US-08-623-891-30 Sequence	1 US-08-758-306-455 Sequence	1 US-08-758-306-457 Sequence 1 US-08-758-306-459 Sequence	1 US-08-758-306-463 Sequence 1 US-08-758-306-811 Semience	1 US-08-435-628-1477 Sequence	1 US-08-849-021-3 Sequence	1 US-08-849-021-4 Sequence	1 US-08-849-021-6 Sequence	1 US-U8-985-162-553 Sequence 1 US-08-985-162-554 Sequence	1 US-08-388-029A-4 Sequence	1 US-08-906-517-57 Sequence	1 US-09-040-774-4 Sequence	1 US-09-324-867-61 Sequence 1 US-08-881-450A-6 Sequence	1 US-09-017-974-79 Sequence	1 US-08-682-255A-79 Sequence	1 US-08-584-040-3972 Sequence	1 US-08-584-040-3997 Sequence 1 US-08-584-040-4075 Sequence	1 US-08-584-040-7232 Sequence	1 US-08-679-645-70 Sequence
1 VS-08-271-942A-77 Sequence 1 US-08-196-218-8 Sequence 1 US-08-196-218-9 Sequence 1 US-08-196-218-9 Sequence 1 US-08-681-933-8 Sequence	8 17 1 US-08-748-068-11 Sequence 8 17 1 US-08-748-068-27 Sequence 8 17 1 US-08-488-27 Sequence	17 1 US-08-478-608B-27 Sequence 17 1 US-08-849-021-16 Sequence 17 1 US-08-849-021-16 Sequence	8 17 1 US-08-460-890A-8 Sequence	.8 17 1 US-08-16/-541C-8 Sequence.8	8 17 1 US-08-985-162-221 Sequence	8 17 1 US-08-998-099-10 Sequence	.8 I/ I US-08-998-099-4/ sequence.8 I/ I US-08-998-099-48 Sequence	.8 17 1 US-08-998-099-75 Sequence	.8 17 1 US-08-460-971A-8 Sequence 8, Appli	.8 17 1 US-08-462-040-8 Sequence 8, Appli	.8 17 1 US-08-584-040-5410 Sequence 5410, Ap	.8 17 1 US-09-474-432B-599 Sequence 599, App .8 17 1 US-09-474-432B-697 Sequence 697, App	8 17 1 US-09-474-432B-758 Sequence 758, App	.8 17 1 US-09-474-432E-818 Sequence .8 17 1 US-09-371-772E-2309 Sequence	.8 17 1 US-09-371-772B-4193 Sequence	.8 17 1 US-09-371-772B-4966 Sequence	.8 17 1 US-09-371-772B-4967 Sequence .8 17 1 US-09-371-772B-6383 Sequence	.8 17 1 PCT-US95-08604-77 Sequence .8 30 1 US-08-068-747-2 Sequence	.8 17 1 US-08-127-954-8 Sequence	.8 17 1 US-08-196-538-15 Sequence 15, Appl .8 17 1 US-08-233-030-48 Sequence 48, Appl	.8 17 1 US-08-373-124A-1477 Sequence .8 17 1 US-08-530-492-57 Sequence	.8 17 1 US-08-623-891-30 Sequence	.8 17 1 US-08-758-306-455 Sequence	.8 17 1 US-08-758-306-457 Sequence .8 17 1 US-08-758-306-459 Sequence	.8 17 1 US-08-758-306-463 Sequence	8 17 1 US-08-435-628-1477 Sequence	.8 17 1 US-08-849-021-3 Sequence	.8 17 1 US-08-849-021-4 Sequence	8 17 1 US-08-849-021-6 Sequence	.8 1/ 1 US-08-985-162-553 Sequence.8	.8 17 1 US-08-388-029A-4 Sequence	.8 17 1 US-08-906-517-57 Sequence	.8 17 1 US-09-040-774-4 Sequence	.8 17 1 US-09-324-867-61 Sequence.8 17 1 US-08-881-450A-6 Sequence	.8 17 1 US-09-017-974-79 Sequence	.8 17 1 US-08-682-255A-79 Sequence	.8 17 1 US-08-584-040-3972 Sequence	.8 17 1 US-08-584-040-3997 Sequence.8 17 1 US-08-584-040-4075 Sequence	.8 17 1 US-08-584-040-7232 Sequence	.8 17 1 US-08-679-645-70 Sequence
10 1 10 10 10 10 10 10 10 10 10 10 10 10	7.4 0.8 17 1 US-08-748-068-11 Sequence 7.4 0.8 17 1 US-08-748-689-27 Sequence 8.4 0.8 17 1 US-08-488-27 Sequence	7.4 0.9 17 1 US-08-478-608B-27 Sequence 2.4 0.8 17 1 US-08-478-608B-27 Sequence 2.4 0.8 17 1 US-08-849-071-16 Sequence	2.4 0.8 17 1 US-08-460-890A-8 Sequence	2.4 0.8 1/ 1 US-08-18/-541C-8 Sequence	2.4 0.8 17 1 US-08-985-162-221 Sequence	2.4 0.8 17 1 US-08-998-099-10 Sequence	2.4 0.8 I/ 1 US-08-998-099-4/ Sequence 2.4 0.8 17 1 US-08-998-099-48 Sequence	2.4 0.8 17 1 US-08-998-099-75 Sequence 2.4 0.8 17 1 US-08-998-099-120 Sequence	2.4 0.8 17 1 US-08-460-971A-8 Sequence 8, Appli	2.4 0.8 17 1 US-08-462-040-8 Sequence 8, Appli 2.4 0.8 17 1 US-08-475-423A-27 Sequence 27, Appl	2.4 0.8 17 1 US-08-584-040-5410 Sequence 5410, Ap	2.4 0.8 17 1 US-09-474-432B-599 Sequence 599, App 2.4 0.8 17 1 US-09-474-432B-697 Sequence 697, App	2.4 0.8 17 1 US-09-474-432B-758 Sequence 758, App	2.4 0.8 17 1 US-09-474-432B-818 Sequence 2.4 0.8 17 1 US-09-371-772B-2309 Sequence	2.4 0.8 17 1 US-09-371-772B-4193 Sequence	2.4 0.8 17 1 US-09-371-772B-4966 Sequence	2.4 0.8 17 1 US-09-371-772B-4967 Sequence 2.4 0.8 17 1 US-09-371-772B-6383 Sequence	2.4 0.8 17 1 PCT-US95-08604-77 Sequence 2.4 0.8 30 1 US-08-068-747-2 Sequence	2.2 0.8 17 1 US-08-127-954-8 Sequence	2.2 0.8 17 1 US-08-196-538-15 Sequence 15, Appl 2.2 0.8 17 1 US-08-233-030-48 Sequence 48, Appl	2.2 0.8 17 1 US-08-373-124A-1477 Sequence 2.2 0.8 17 1 US-08-530-492-57 Sequence	2.2 0.8 17 1 US-08-623-891-30 Sequence	2.2 0.8 17 1 US-08-758-306-455 Sequence	2.2 0.8 17 1 US-08-758-306-457 Sequence 2.2 0.8 17 1 US-08-758-306-459 Sequence	2.2 0.8 17 1 US-08-758-306-463 Sequence	2.2 0.8 17 1 US-08-435-628-1477 Sequence	2.2 0.8 17 1 US-08-849-021-3 Sequence	2.2 0.8 17 1 US-08-849-021-4 Sequence 2.2 0.8 17 1 US-08-849-021-5 Semi-prop	2.2 0.8 17 1 US-08-849-021-6 Sequence	2.2 0.8 1/ 1 US-08-985-162-553 Sequence	2.2 0.8 17 1 US-08-388-029A-4 Sequence	2.2 0.8 17 1 US-08-906-517-57 Sequence	2.2 0.8 17 1 US-09-040-774-4 Sequence	2.2 0.8 17 1 US-09-324-867-61 Sequence 2.2 0.8 17 1 US-08-881-450A-6 Sequence	2.2 0.8 17 1 US-09-017-974-79 Sequence	2.2 0.8 17 1 US-08-682-255A-79 Sequence	2.2 0.8 17 1 US-08-584-040-3972 Sequence	2.2 0.8 17 1 US-08-584-040-3997 Sequence	2.2 0.8 17 1 US-08-584-040-7232 Sequence	2.2 0.8 17 1 US-08-679-645-70 Sequence

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APPLICANT: WEN, DINGYI
APPLICANT: WILLIAMS, KEVIN P.
APPLICANT: WILLIAMS, KEVIN P.
APPLICANT: GARGER, ELLEN A.
APPLICANT: TAYLOR, FREDERICK R.
APPLICANT: TAYLOR, FREDERICK R.
APPLICANT: GALDES, ALPHONSE
APPLICANT: GALDES, ALPHONSE
APPLICANT: GALDES, ALPHONSE
APPLICANT: HYPROPHOBICALLY-MODIFIED PROTEIN COMPOSITIONS AND TITLE OF INVENTION: MITHODS
FILE REPRENSIVE: BIV-067.01
CURRENT APPLICATION NUMBER: US/09/325,256
CURRENT APPLICATION NUMBER: US/09/380
PRIOR PILING DATE: 1999-06-03
PRIOR PLILNG DATE: 1999-06-17
PRIOR PLILNG DATE: 1999-1-12-03
PRIOR PLING DATE: 1999-1-12-03
PRIOR PLING DATE: 1999-1-12-03
PRIOR PLING DATE: 1999-1-12-03
PRIOR PLING DATE: 1999-1-12-03
PRIOR DATE: 1999-1-12-03
PRIOR PLING DATE: 1999-1-12-03
PRIOR DATE: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-325-256-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 2.3%; Score 36; DB 1; Length 49; Best Local Similarity 88.6%; Pred. No. 0.073; Matches 39; Conservative 0; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 2
US-08-068-747-7
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Sequence 21, Appl
Sequence 2, Appl
Sequence 5, Appl
Sequence 42, Appl
Sequence 43, Appl
Sequence 5646, Appl
Sequence 5650, Appl
Sequence 5650, Appl
Sequence 6069, Appl
Sequence 6069, Appl
Sequence 6071, Appl
Sequence 6071, Appl
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Sequence
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Sequence
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Sequence
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Gaps ..

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US-08-747-7

1 Sequence 7, Application US/08068747

1 Patent No. S695933

GENERAL INFORMATION:

APPLICANT: Hudson, Thomas J.

APPLICANT: Housman, David E.

TITLE OF INVENTION: Direct Determination of Expanded

CORRESPONDENCE ADDRESS:

ADDRESSER: Hamilton, Brook, Smith & Reynolds, P.C.

STREET: Two Militia Drive

COUNTRY: USA

ZIP: DAXINGENCE ADDRESSER

MEDIUM TYPE: TOPPY disk

COMPUTER: IBM PC Compatible

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NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REPERENCE/DOCKET NUMBER: MIT-6141
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
```

RESULT 1
US-09-325-256-31/c
; Sequence 31, Application US/09325256
; Patent No. 6444793
; GENERAL INFORMATION:
; APPLICANT: PEPINSKY, R. BLAKE
; APPLICANT: BAKER, DARREN P.

```
Sequence 43, Application US/08356060A

Patent No. 5844079

GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: Appin, Clifford J.
ITILE OF INVENTION: Vertebrate Embryonic Pattern-Inducing TITLE OF INVENTION: Proteins and Uses Related Thereto NUMBER OF SEQUENCES: 47

CORRESPONDENCES: 47

CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street

CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: ASCII (tear)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,060A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: #MI-006CP
REJERRINGE/DOCKET NUMBER: HMI-006CP
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-5941
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                      STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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1.5%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                           1.6%; Score 25; DB 1; Length 33; llarity 84.8%; Pred. No. 4.7; Conservative 0; Mismatches 5; Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Epstein, Ervin
APPLICANT: Hu, Zhilan
APPLICANT: Bonifas, Jeanette
TITLE OF INVENTION: Mutant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
STREET: 2200 Sand Hill Road
                                                                                                                                                                                                                                                                                                                                                                         1351 CAGCGGCGGCGGGACCGCGGGGGCGCCGCCGC 1383
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            TELEFAX: 617-861-9540

INPORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-068-747-7
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; Sequence 11, Application US/08748591
; Patent No. 5759811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEFAX: (415) 854-0875
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; MOLECULE TYPE: CDNA
US-08-748-591-11
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Matches 28; Conserv
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                                                                                                                                                                                                                                                                           Query Match
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| Patent No. 6165747
| GENERAL INFORMATION:
| APPLICANT: Ingham, Phillip W. APPLICANT: Tabin, Clifford J. APPLICANT: Bumcrot, David A. APPLICANT: Bumcrot, David A. APPLICANT: Marti-Gorostiza, Elisa | APPLICANT: Marti-Gorostiza, Marti-Gorostiza,
Query Match 1.5%; Score 24; DB 1; Length 24; Best Local Similarity 100.0%; Pred. No. 3; Matches 24; Conservative 0; Mismatches 0; Indels
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RESULT 4 US-08-356-060A-43

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
1.5%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY:

STATE: MA

CONFUTRY: USA

CONFUTRY: SEADABLE FORM:

MEDIUM TYRE: Floppy disk

COMPUTRE: TROPPY disk

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/954,698

FILING DATE: 20-007-1997

PRIOR APPLICATION NUMBER: US 08/462,386

FILING DATE: 05-UUN-1995

PRIOR APPLICATION NUMBER: US 08/425,093

FILING DATE: 14-DEC-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/356,060

FILING DATE: 14-DEC-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/176,427

FILING DATE: 30-DEC-1993

ATTORNEY/AGENT INFORMATION:

ANAME: VILLOGATE NUMBER: US 08/176,427

FILING DATE: 30-DEC-1993

ATTORNEY/AGENT INFORMATION:

AREFERRANCE/DOCKER NUMBER: MNV-006.10

TATER: VILLOGATION NUMBER: US 08/13:

ATTORNEY/AGENT INFORMATION:

AREFERRANCE/DOCKER NUMBER: MNV-006.10

TATER: VILLOGATION NUMBER: US 08/13:

ATTORNEY/AGENT INFORMATION:

AREFERRANCE/DOCKER NUMBER: MNV-006.10

TATER: VILLOGATION NUMBER: US 08/13:

ATTORNEY/AGENT INFORMATION:

AREFERRANCE/DOCKER NUMBER: MNV-006.10

TATER: VILLOGATION NUMBER: US 08/13:

ATTORNEY/AGENT INFORMATION:

AREFERRANCE/DOCKER NUMBER: MNV-006.10

TATER: VILLOGATION NUMBER: US 08/13:

ATTORNEY/AGENT INFORMATION:

AREFERRANCE/DOCKER NUMBER: MNV-006.10

TATER: VILLOGATION NUMBER: US 08/13:

ATTORNEY/AGENT INFORMATION:

AREFERRANCE/DOCKER NUMBER: MNV-006.10

TATER: VILLOGATION NUMBER: MN
                                                    NAME: VINCERE, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: 4MV-006.06
TELECOMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEPHONE: 617-832-1000
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  524 ACCGAGGCTGGGACGAAGATGGC 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-674-509B-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 7
US-08-954-698-43
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Patent No. 6261786
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: Tabin, Clifford J.
APPLICANT: Tabin, Clifford J.
APPLICANT: MAHIGO, Valeria
TITLE OF INVENTION: SCREENING ASSAYS FOR HEDGEGOG AGONISTS
ITILLE OF SEQUENCES: 48
NUMBER OF SEQUENCES: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.5%; Score 24; DB 1; Length 24; 100.0%; Pred. No. 3; 0; Indels tive 0; Mismatches 0; Indels
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,900C
FILING DATE: 5-UNNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 4-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/156,060
FILING DATE: 14-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY AGENT INFORMATION:
NAME: Vincent, Matthew P:
REGISTRATION NUMBER: HAVY-006.05
TELEPHONE: (617) 832-1000
TELEPHONE: (617) 832-1000
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/674,509B FALING DATE: 02-VUL-1996 CLASSIFICATION: 435 PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/460,900 FILING DATE: 05-UUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: ONE POST Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       524 ACCGAGGGCTGGGACGAAGATGGC 547
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ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Boston
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US-08-674-509B-43
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RESULT 9
US-09-619-695-43
i Sequence 43, Application US/09639695
i Patent No. 6576237
i GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
MCMADON, Andrew P.
Tabin, Clifford J.
Buncrot, David A.
i Marti-Gorostica, Elisa
Arttern-Inducing
i TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear

MOLECULE TYPE: CDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-639-639-63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSE: FOLEY, HOAG & ELIOT
STREET: One Post Office Square
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            524 ACCGAGGCTGGGACGAAGATGGC 547
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                                        524 ACCGAGGGCTGGGACGAAGATGGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 10
US-08-068-747-2/c
; Sequence 2, Application US/08068747
; Patent No. 5695933
; GENERAL INFORMATION:
; APPLICANT: Schalling, Martin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 43, Application US/08957874
; Sequence 43, Application US/08957874
; Patent No. 6364192
; Patent No. 6364192
; APPLICANT: Ingham, Phillip W. APPLICANT: Manahom, Andrew P. APPLICANT: Tabin, Clifford J. TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing TITLE OF INVENTION: Proteins and Uses Related Thereto NUMBER OF SEQUENCES: ADDRESS: ADDRESS: ADDRESS: STREET: One Post Office Square CITY: Boston STATE: MA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-COS/MS-DOS
SOFTWARE: ASCII(text)
APPLICATION DATA:
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
FILING DATE: 130-DEC-1993
ATTONNEY AGENT INPORMATION:
NAME: VINCENC, MATCHEW P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: 36,709
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPERMINENTED CONTRACTION:
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                 524 ACCGAGGGCTGGGACGAAGATGGC 547
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; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDENESS: single
; TOPOLGY: linear
; MOLECULE TYPE: DNA
US-08-954-698-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear ; MOLECULE TYPE: CDNA US-08-957-874-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARR: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA: US 08/435,093
FILING DATE: 4-MAY-1995
APPLICATION NUMBER: US 08/356,060
FILING DATE: 4-MAY-1995
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1994
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISCHARTON NUMBER: 36,709
REGISCRATION NUMBER: 36,709
REFERENCE/DOCKT NUMBER: HMY-006.05
TELEBPHONE: (67.7) 322-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.5%; Score 24; DB 1; Length 24; Best Local Similarity 100.0%; Pred. No. 3; Matches 24; Conservative 0; Mismatches 0; Indels
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US-09-083-123-5/c

19-09-083-123-5/c

1 Sequence 5 Application US/09083123

2 Sequence 5 Application US/09083123

3 GENERAL INFORMATION:

3 APPLICANT: Orium, Hendrik

3 APPLICANT: Orium, Hendrik

3 TITLE OF INVENTION: Acids

5 TITLE OF INVENTION: Acids

7 TITLE OF INVENTION: Acids

8 TITLE OF INVENTION: A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Length 30;
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Sequence 332, Application US/09475947A

Petent No. 6472154

Petent No. 6472154

GENERAL INFORMATION:

APPLICANT: Wren, Jonathan D.

APPLICANT: Wren, Jonathan D.

TITLE OF INVENTION: Polymorphic Repeats in Human Genes

TITLE OF INVENTION: POlymorphic Repeats in Human Genes

CURRENT APPLICANTON NUMBER: US/09/475,947A

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SOFTWARE: Patentin Ver. 2.1

FENCENTIAL OF SEQ ID NOS: 326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.4%; Score 22.6; D
86.2%; Pred. No. 11;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1355 GGCGGCGGGACCGCGGGGGCGCGCGCGG 1383
                        ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 35,677
REFERENCE/DOCKET NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEPHONE: (415) 322-5070
TELEPHONE: (415) 824-0875
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     616 CAGCAAGTACGGCATGCTGGCCCGC 640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25 cagcaagracecarecreecreec 1
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Best Local Similarity 86.23
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: li
; MOLECULE TYPE:
US-08-748-591-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-475-947A-332
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                                   Hudson, Thomas J.
Housman, David B.
YERVION: Direct Determination of Expanded
VENTION: Nucleotide Repeats in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
1.5%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 7;
Matches 26; Conservative 0; Mismatches 4; Indels
APPLICANT: Hudson, ....
APPLICANT: Housman, David B.
TITLE OF INVENTION: Direct Determination or war.
TITLE OF INVENTION: Nucleotide Repeats in the Human Gench.
NUMBER OF SEQUENCES: 11
CORRESPONDENCES: ADDRESSE:
ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C.
STREE: Two Militia Drive
CITY: Lexington
STATE: Massachusett
CHARTE: USA
                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Eloppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DATOPH RE-DOS/MS-DOS
SOFTWARE: PATENTIN RE-Base #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/068,747
FILING DATE: 28-MAY-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 12, Application US/08748591
; Patent No. 5759811
; GENERAL INFORMATION:
; APPLICANT: Estein, Ervin
; APPLICANT: Bonifas, Jeanette
; TITLE OF INVENTION:
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEDE: Fish and Richardson
STRRET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTER: USA
ZIP: 94025
ZOMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1354 CGGCGGCGGGGACCGCGGGGGGCGCGCGG 1383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia.
REGISTRATION NUMBER: 32,227
REPENDEN/COCKET NUMBER: MIT-6141
TELEPHONE: 617-861-6240
INFORMATION FOR SEQ. ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 Dase pairs
TYPE: nucleic acid
STRANDENESS: Single
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APPLICATION NUMBER: US/08/748,591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Synthetic'
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CLASSIFICATION: 435
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343 GAAGATCTCCAGAAACTCC 361
                                                                                                                                                      STATE: CA
COUNTRY: US
ZIP: 94025
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                                                                                                                                                                             Gaps

    LENGTH: 32
    TYPE: DNA
    ORGANISM: Artificial Sequence
    FETURE:
    OTHER INFORMATION: Description of Artificial Sequence: made by humans
US-09-083-123-5
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1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                             Indels
                                                                                                                                       Length
                                                                                                                                                                                                                                                                 Sequence 16, Application US/08748591
; Batent No. 5759811
; GENERAL INFORMATION:
; APPLICANT: Epstein, Ervin
APPLICANT: Bonifas, Jeanette
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
                                                                                                                                       DB 1;
                                                                                                                                                                                                                   1543 CCGGGGGCCGGGGGGGCGCGCGGGAGGGGGG 1574
                                                                                                                                   Ouery Match
1.4%; Score 22.4; DB
Best Local Similarity 81.2%; Pred. No. 15;
Matches 26; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPAN: (415) 824-6875
INPORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LEWGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDRESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 15
US-08-748-591-21/c
'Sequence 21, Application US/08748591
'Patent No. 5759811
'GENERAL INFORMATION:
'APPLICANT: Epstein, Ervin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19 ccacrecrecresreadeca 1
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US-08-748-591-16
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US-09-102-491-5

| Sequence 5, Application US/09102491
| Sequence 5, Application US/09102491
| Patent No. 6238876
| GENERAL INPORMATION:
| APPLICANT: Altaba, Ariel Ruizi
| TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT |
| TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT |
| TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA |
| FILE REFERENCE: 1049-1-008N |
| CURRENT APPLICATION NUMBER: 60/050,286 |
| EARLIER APPLICATION NUMBER: 60/050,286 |
| SALLIER APPLICATION NUMBER: 60/050,286 |
| SALLIER PREPARED PRICATION NUMBER: 00/050,286 |
| SALLIER PRICATION NUMBER: 00/050,286
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.^ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-102-491-5
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100.0%; Pred. No. 17;
ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FLING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 06510/067001
TELEPHONE: (415) 834-0875
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
APPLICANT: Hu, Zhilan
APPLICANT: Bonifas, Jeanette
TITLE OF INVENTION: Mutant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSE: Fish and Richardson
STRET: 2200 Sand Hill Road
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
1.2%; Score 19; DB 1;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              784 CACCAAGCTGGTGAAGGAC 802
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 19; Conserve
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USA
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MOLECULE TYPE:
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COUNTRY: DAG COUNTRY: USA COUNTRY: USA COUNTRY: USA COUNTRY: USA COUNTRY: USA COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inch 720K diskette COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DS/MS-DOS SOFTWARE: MOXINGPRICATION DATA: APPLICATION NUMBER: US/08/775,164 FILING DATE: US/08/775,164 F
                                                                                                                                                                                                                                                                                                                                                                          1357 CGGCGGGACCGCGGGGGCGGCGGC 1381
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MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
AMTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 610-892-9577
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 19
US-08-775-164-3
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                                                                                                                                                 US-08-374-144-3
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                                                                                                                                                                                                                                                                                                                   APPLICANT: Altaba, Ariel Ruizi
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA
CURRENT APPLICATION NUMBER: US/09/102,491
CURRENT APPLICATION NUMBER: 06/050,286
EARLIER APPLICATION NUMBER: 60/050,286
EARLIER PILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 19
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Sequence 3, Application US/08374144

Patent No. 5629147

GENERAL INFORMATION:
APPLICANT: Aprogenex, Inc.
TITLE OF INVENTION: Maternal Blood For In Situ Hybridization
NUMBER OF SEQUENCES. 21

CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman Wilf & Fried
STREET: 20 Weet Third Street, P.O. Box 703

CITY: Media
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-102-491-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WOXDEFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/374,144
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FILING DATE

CLASSIFICATION: 435

ATTORNEY/AGENT INPORMATION:

NAME: 04EITY J. Elman

REGISTRATION NUMBER: 24,404

REPERENCE/DOCKET NUMBER: M19-(
TELECOMMUNICATION INPORMATION:

""TEPHONE: 610-892-9580
                                                                                                                                                                                                                Sequence 9, Application US/09102491
Patent No. 6238876
GENERAL INFORMATION:
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                                       GAAGATCTCCAGAAACTCC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 610-892-9577
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS LENGTH: 25 base pairs
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 18
US-08-374-144-3
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Gaps
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0
                                                                                                                                                                                                                                                                                             Sequence 3. Application US/08775164
Patent No. 5766843
GENERAL INFORMATION:
APPLICANT: Aprogenex, Inc.
APPLICANT: Aprogenex, Inc.
TITLE OF INVENTION: Bnriching and Identifying Fetal Cells
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman & Associates
STREET: 20 West Third Street, P.O. Box 1969
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1; Length 25,
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Patent No. 585649
GENERAL INFORMATION:
APPLICANT: Aprogenex, Inc.
TITLE OF INVENTION: Enriching and Identifying Fetal Cells
Query Match
1.2%; Score 18.6; DB 1;
Best Local Similarity 84.0%; Pred. No. 45;
Matches 21; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
1.2%; Score 18.6; Dest Local Similarity 84.0%; Pred. No. 45; Matches 21; Conservative 0; Mismatches
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REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE:
TELEPHONE:
                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-775-607-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
                           TELEPHONE: 610-892-9580
TELEFAX: 610-892-9577
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                         610-892-9580
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE:
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 22
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US-08-775-607-3
Sequence 3, Application US/08775607
Sequence 3, Application US/08775607
Patent No. 5861253
GENERAL INPORMATION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman & Associates
STREET: 20 West Third Street, P.O. Box 1969
STATE: PACE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
1.2%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 45;
Matches 21; Conservative 0; Mismatches 4; Indels
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: Elman & Associates
STREET: 20 West Third Street, P.O. Box 1969
CITY: Media
STATE: PA
COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
WEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: Wordberfect 5.1
CURRENT APPLICATION NUMBER: US/08/775,609
FILING DATE:
CLASSITICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Gerry J. Blman
REGISTRATION: NUMBER: 24,404
FILECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUW TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/775,607
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CLASSIFICATION: 435
ATTORNEY, AGENT INFORMATION:
NAME: Gerry J. Elman
REGISTRATION NUMBER: 24 404
REFERENCE/DOCKET NUMBER: M19-103
TELECOMMUNICATION INFORMATION:
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Sequence 3, Application PC/TUS9306828

Sequence 3, Application PC/TUS9306828

GENERAL INPORMATION:
APPLICANT: Applicant: Morteza
APPLICANT: Cubage, Michael L
APPLICANT: Cubage, Michael L
APPLICANT: Prashad, Naglindra
TILLE OF INVENTION: Enriching and Identifying Fetal Cells In Maternal Blood For NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSES:
STREET:
STREET:
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                                                 Indels
Query Match
1.2%; Score 18.6; DB 1;
Best Local Similarity 84.0%; Pred. No. 45;
Matches 21; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
1.2%; Score 18.6; D.
Best Local Similarity 84.0%; Pred. No. 45;
Matches 21; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 Floppy disk - 720 k
GONFUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CORPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 19930719
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                              1357 CGGCGGGACCGCGGGGGGGGGGGGG 1381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1357 CGGCGGGACCGCGGGGGGGGGGGGG 1381
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DB 1; Length 24;
               WEDION TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01473
FILING DATE: 29-JAN-1996
CLASSIFICATION DATA:
APPLICATION DATE: 95-JAN-1996
FILING DATE: 01-FEB-195
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 36,252
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: (215) 563-404
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TTYPE: nucleic caid
STRANDBUSSS: double
TYPE: TOTALE CALLOR OF LEVANTE
TOTALE CONTROL CALLOR OF LEVANTE
TYPE: TOTALE CALLOR OF LEVANTE
TYPE
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1.2%; Score 18.2; D
Best Local Similarity 87.0%; Pred. No. 49;
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  POSITION IN GENOME:
CHROMOSOME/SEGMENT: Central Region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1001 GAGCCCGAGGCGTCCTCGGGCTC 1023
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ORGANISM: Artificial Sequence
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Matches 18; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-102-491-6/c
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Batent No. 5844110

GENERAL INFORMATION:
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCES Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street, Suite 720
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application PC/TUS9601473
GENERAL INFORMATION:
APPLICANT: University of Nebraska, Board of Regents
APPLICANT: Gold, Barry I.
ITILE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1; Length 24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPRATUG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/384,324
FILING DATE: 31-JAN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INPORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63076
TELECOMMUNICATION INFORMATION:
TELERHONE: (215) 563-4400
TELECOMMUNICATION INFORMATION:
TELERHONE: (215) 563-4404
INPORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TTUBGTH: 24 base pairs
TTUBGTH: 24 base pairs
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1.2%; Score 18.2; D
Best Local Similarity 87.0%; Pred. No. 49;
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
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ZIP: 19103-2307
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ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: PA
COUNTRY: U
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Indels

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Sequence 6, Application US/09102491

Sequence 6, Application US/09102491

Patent No. 6238876

GENERAL INFORMATION:
TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA

TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA

TITLE REPERENCE: 1049-1-008N

CURRENT APPLICATION NUMBER: US/09/102,491

GERENT APPLICATION NUMBER: 60/050,286

EARLIER APPLICATION WHERE: 1998-06-22

MUMBER OF SEQ ID NOS: 9

SOFTWARE: PATENTE NOS: 9

SEQ ID NO 6

SEQ ID NO 6

LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-102-491-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ch 1.1%; Score 18; DB 1; Length 18; 1 Similarity 100.0%; Pred. No. 24; 18; Conservative 0; Mismatches 0; Indels
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Query Match
Best Local Similarity 82.65
Matches 19; Conservative
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STRANDEDNESS: single
TOPOLOGY: linear
; TOPOLOGY: linear; MOLECULE TYPE: DNA US-08-742-755A-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , MOLECULE TYPE: DNA
US-09-226-683-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-387-699-12
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US-08-742-755A-31/C
is Sequence 31. Application US/08742755A
; Sequence 31. Application US/08742755A
; Patent No. 5858671
; GENERAL INFORMATION:
; APPLICANT: Jones, Duglas H.
; TITLE OF INVENTION: An Iterative and Regenerative DNA
; TITLE OF INVENTION: Sequencing Method
; TITLE OF SEQUENCES: 41
; NUMBER OF SEQUENCES: 41
; NUMBER OF SEQUENCES: 5
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STREE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Length 21;
                                                                                     Sequence 24, Application US/09277078

Patent No. 6312949

GENERAL INPORMATION:
APPLICANT: Salmar, Theo
APPLICANT: Balmar, Theo
APPLICANT: Gage, Fred H.
TILLE OF INVENITON: EXPRESSION
FILLE REPERENCE: 07251/031001

CURRENT APPLICATION WHERE: US/09/277,078

CURRENT APPLICATION WHERE: US/09/277,078

SOFTWARE: FILLE GATON WHERE: US/09/277,078

SOFTWARE: FILLE FRETSE OF SEQ ID NOS: 60

SOFTWARE: FREUE CONTINUED SET SEQ 10 NOS: 60

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 24

LENTH: 21
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COMPUTRY: USA
ZUP: 02109-1875
ZUP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: EMPC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
FLING DATE:
CLASSILICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/742,755A
FRIOR APPLICATION DATA:
APPLING DATE:
FILING DATE:
FI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.1%; Score 17.8; I Best Local Similarity 90.5%; Pred. No. 40; Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; FEATURE:
; OTHER INFORMATION: Oligonucleotide for PCR
US-09-277-078-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           604 TGACCGCGACCGCAGCAAGTA 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            21 TGACAGGACCGCAGCAAGTA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                RESULT 26
US-09-277-078-24/c
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                                                                                                  Gaps
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     DB 1; Length 24;
                                                                                                  Indels
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ZIP: 02.09-1875

COUNTRY: USA

ZIP: 02.09-1875

COMPUTER READABLE FORM:
MEDIUM TYPE: FIDPPY disk

COMPUTER: IBM PC COMPATIBLE

COMPUTER: IBM PC COMPATIBLE

COMPUTER: PATENTIN RC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/226,683

FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/12/755

FILING DATE:
ATTORNEY/AGBNT INFORMATION:
ANAMER TO A PATENT INFORMATION:
ANAME
Query Match
1.1%; Score 17.2; D
Best Local Similarity 82.6%; Pred. No. 78;
Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-01-226-683-31/c
| Sequence 31, Application US/09226683
| Sequence 31, Application US/09226683
| Patent No. 6190896
| Table OF INVENTION: APPLICANT: Jones, Douglas H. TITLE OF INVENTION: Sequencing Method NUMBER OF SEQUENCES: 41
| CORRESPONDENCE ADDRESS: ADDRESSE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street
| CITY: Boston CITY: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEPRAX: (617)227-4214
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1305 CGCTCCTGGCTGCACTGGCGCCC 1327
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Patent No. 6221660
GENERAL INFORMATION
APPLICANT: BORINI, James A.
APPLICANT: BOROWSKY, Beth E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24 cncrccrcccrcgacrcccac
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1305 GGCTCCTGGCTGCACTGGCGCCC 1327
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                                               24 CNCTCCTCGCTGGACTGGCGCAC 2
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NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63076
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 GACAAAGAGGAGCACAGCTGGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Primer/ Probe US-09-641-259B-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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US-03-035-183-31/C
Sequence 31, Application US/09035183
Sequence 31, Application US/09035183
Sequence 31, Application US/09035183
Sequence 31, Application US/09035183
TITLE OF INVENTION:
MUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
CARRESPONDENCE ADDRESS:
STREET: 28 State Street
STREET: 28 State Street
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                 FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer/probe
US-09-387-699-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: O2109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPBY disk
COMPUTER: IBM PC COMPACIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035,183
FILING DATE:
APPLICANT: Boyle, No. 62216601
TITLE OF INVENTION: DNA Encoding SNORF25 Receptor
FILE REPERENCE: 56095-A
CURRENT APPLICATION NUMBER: US/09/387,699
CURRENT FILING DATE: 1999-08-13
EARLIER APPLICATION NUMBER: 09/255,376
BARLIER APPLICATION NUMBER: 09/255,376
SOFTWARE: PALENG DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PATENTIN Ver. 2.0 - beta
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                  Query Match
1.1%; Score 17.2; D
Best Local Similarity 86.4%; Pred. No. 78;
Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.1%; Score 17.2; D
82.6%; Pred. No. 78;
iive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                     1247 GTCATCGAGGAGCACAGCTGGG 1268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/742,755
FILING DATE: 01-N0V-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33.505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 GACAAAGAGGAGCACAGCTGGG 24
                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear;
MOLECULE TYPE: DNA
US-09-035-183-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 19; Conserva
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Patent No. 5844110
Patent No. 584110
GENERAL INFORMATION:
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street, Suite 720
CITY: Philadelphia
STREET: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
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ZIP: 19103

COUNTY: USA

COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION UNDER: US/08/384,324

FILING DATE: 31-JAN-1995
CLASSIFICATION: 536
US-09-641-259B-12
Sequence 12, Application US/09641259B
Sequence 12, Application US/09641259B
Sequence 12, Application US/09641259B
Sequence 12, Application US/09641259B
Sequence 12, Application:
APPLICANT: Bonini, James A
APPLICANT: Adham, Nika
APPLICANT: Adham, Nika
APPLICANT: Adham, Nika
APPLICANT: Adham, Nika
CURRENT BOYle, NO. 64687561
FILE REFRENCE: 1795/56095-B/JPW/ADM
CURRENT APPLICATION NUMBER: US/09/41,259B
CURRENT APPLICATION NUMBER: US/09/41,259B
CURRENT APPLICATION NUMBER: US/09/41,259B
PRIOR FILING DATE: 1999-08-13
PRIOR FILING DATE: 1999-08-13
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin Version 3.1
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
1.1%; Score 17.2; Dest Local Similarity 86.4%; Pred. No. 78; Matches 19; Conservative 0; Mismatches
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Gaps

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                                                  Query Match 1.1%; Score 16.6; DB 1; Length 24; Best Local Similarity 82.6%; Pred. No. 1e+02; Matches 19; Conservative 0; Mismatches 4; Indels
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide primer for PCR
US-09-377-155-23
                                                                                                                                                                                                                                                                                                                                                                                             CONDECANT: PERK, Ian Richard Anselm APPLICANT: PERK, Ian Richard Paul APPLICANT: DENNINGS, Michael Paul APPLICANT: UNXON, E. Richard Paul APPLICANT: UNXON, E. Richard E. Richard C. CURRENT APPLICATION UNDERS: US/09/377,155 CURRENT FILING DATE: 1999-08-19 PRIOR FILING DATE: 1998-12-14 PRIOR FILING DATE: 1998-12-12 PRIOR FILING DATE: 1998-12-12

NUMBER OF SEQ ID NOS: 33

LENGTHARE: PATENTIN VET. 2.0

SOFTWARE: PATENTIN VET. 2.0

SENGTHARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OS-095-095-974-25/C

Sequence 23, Application US/09669974

Patent No. 6333173

GENERAL INFORMATION:
APPLICANT: PEAK, Ian Richard Anselm
APPLICANT: DENNINGS, Michael Paul
APPLICANT: MOXON, En Richard
APPLICANT: MOXON, En Richard
APPLICANT: MOXON, En Richard
TITLE OF INVENTION: NOVEL SURFACE ANTIGEN
FILE REFERENCE: 05064/0128
FILE REFERENCE: 0506-09-26
PRIOR PELICATION NUMBER: US/09/69,974
CURRENT PILING DATE: 1999-08-19
PRIOR APPLICATION NUMBER: PCT/AU98/01031
PRIOR FILING DATE: 1999-08-19
PRIOR APPLICATION NUMBER: GB 9726398.2
PRIOR FILING DATE: 1997-12-12
NUMBER OF SEQ ID NOS: 33
SEOTUMARE: PatentIn Ver: 2.0
SEQ ID NO 23
LENGTH: 18
                                                                                                                                                     1001 GAGCCCGAGGCGTCCTCGGGCTC 1023
                                                                                                                                                                                                        24 GAGGCCGAGGCCGCCTCGGCCTC 2
                                                                                                                                                                                                                                                                                                                          Sequence 23, Application US/09377155 Patent No. 6197312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             329 GGAAGGTATGAAGGGAAG 346
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                                                                                                                                                                                                                                                                             RESULT 34
US-09-377-155-23/c
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US-09-669-974-23/c
        PCT-US96-01473-6
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PCT-0896-01473-6/c
; Sequence 6, Application PC/TUS9601473
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: University of Nebraska, Board of Regents
; APPLICANT: Gold, Barry I.
; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
; TITLE OF INVENTIONS: 14
; CORRESPONDENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.1%; Score 16.6; DB 1; Length 24; Best Local Similarity 82.6%; Pred. No. 16+02; Matches 19; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY:
STATE: PA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
CONFOURT: BM PC compatible
CORFIT STATEM: PC-DOS/MS-DOS
SOFTWARE: PARENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01473
FILING DATE: 19-JAN-1996
CLASSIFICATION NUMBER: US 08/384,324
FILING DATE: 01-FEB-1995
ATPORMET' AGENT INFORMATION:
NAME: Reed, Janet B.
REGISTRATION NUMBER: 36,252
TELEPRAM: (215) 563-404
INFORMATION FOR REQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR REQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR REQ ID NO: 6:
STRANDEDSES: double
TYPCLUE TYPE: other nucleic acid
""TELEPRA": Other nucleic acid
""TELEPRA": Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: SV40
POSITION IN GENOME:
CHROMOSOME/SEGMENT: Central Region
                                                                                                                                                                                                                                                                                                                                                     POSITION IN GENOME:
CHROMOSOME/SEGMENT: CENTRAL REGION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1001 GAGCCCGAGGCGTCCTCGGGCTC 1023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          24 GAGGCCGAGGCCGCCTCGGCCTC 2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAK: (215) 563-404
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: not relevant
OLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                          MOLECULE TYPE: DE HYPOTHETICAL: NO ANTI-SENSE: NO ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                ORGANISM:
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                                                                                                                                                                                                                                                                                                                                                                                                             Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CONTRY: CASACCHA
STATE: PASSACHA
STATE: CASACCHA
ZIP 91101
COMPUTER: Diskette, 3.50 inch, 1.44 Mb storage COMPUTER: Is an compatible
COMPUTER: Is an compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATE: May 28, 1997
CLASSIFICATION NAMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION NAMBER: 20,532
ATTORNEY/ACHT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/COCKET NUMBER: 20,532
REFERENCE/COCKET NUMBER: 20,532
REFERENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TELEGATH 21 base pairs
TELEGATH 21 base pairs
TENGTH: 21 base pairs
TENGTH: 21 base pairs
TENGTH: 21 base pairs
TYPE MUGLEL CACH 31,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-863-639A-55/c

Sequence 55, Application US/08863639A

Patent No. 5991185

GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Rampal, Jang B.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSES: Shaldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
1.0%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 86;
Matches 18; Conservative 0; Mismatches 3;
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1.0%; Score 16.2; D
Best Local Similarity 85.7%; Pred. No. 86;
Matches 18; Conservative 0; Mismatches
                          TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: S2: SEQUENCE CHARACTERISTICS: 1
; TYPE: TyP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1341 GCGGCGGGACAGCGGCGCGCG 1361
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21 cecceecececececece
                      (626) 796-4000
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Sequence 10, Application US/09358382

Sequence 10, Application US/09358382

Sequence 10, Application US/09358382

Sequence 10, Application

Patent No. 601906

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsert

TILLE OF INVENTION:

FILE REPERENCE: RIS-0071

CURRENT APPLICATION NUMBER: US/09/358,382

CURRENT PILING DATE: 1999-07-21

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 10
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                                                                                                                        DB 1; Length 18;
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ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage COMPUTER: EBM compatible OPERATING SYSTEM Windows 95
SOFTWARE: Corel WordPerfect 8 version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFFICATION NUMBER: US/08/863,639A
RIGINGALION: 435
ATTORNEY,GRANT INFRANTION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 37
US-08-863-639A-52/C
US-08-863-639A-52/C
Sequence 52, Application US/08863639A
Patent No. 598185
GENERAL INFORMATION:
APPLICANT: Mateon, Robert S.
APPLICANT: Cassin, Peter J.
APPLICANT: Cassin, Peter J.
APPLICANT: Caskey, C. T.
ITLE OF INVENTION: OLIGONUCLECTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Peacadena
STATE: CA
; OTHER INFORMATION: Oligonucleotide primer for PCR US-09-669-974-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
COTHER INFORMATION: Antisense Oligonucleotide
US-09-358-382-10
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94.4%; Pred. No. 68;
tive 0; Mismatches
                                                                                                                1.0%; Score 16.4; I
ilarity 94.4%; Pred. No. 51;
Conservative 0; Mismatches
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                                                                                                                                                                                                                                                               329 GGAAGGTATGAAGGGAAG 346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 94.43
Matches 17; Conservative
                                                                                                                                                      Best Local Similarity
Matches 17; Conserv
                                                                                                                           Query Match
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; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-68
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TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 68
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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TYPE: nucleic acid
STRANDEDNESS: single
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STRANDEDNESS: single
TOPOLOGY: linear
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STATE: CA
COUNTRY: USA
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Decension of Application US/08863639A

| Patent No. 5981185
| Patent No. 5981185
| Patent No. 5981185
| GENERAL INFORMATION:
| APPLICANT: Mateon, Robert S. APPLICANT: Caskey, C. T. TITLE OF INVENTION: OLICONUCLEOTIDE REPEAT ARRAYS NUMBER OF SEQUENCES: 95
| CORRESPONDENCE ADDRESS: 95
| CORRESPONDENCE ADDRESS: 8 Sheldon & Mak STREET: 225 South Lake Avenue, 9th Floor CITY: Pasadena STREET: 225 South Lake Avenue, 9th Floor CITY: Pasadena STREET: 225 South Lake Avenue, 9th Floor CONTEX: USA STREET: USA CONTEX: USA STREET: 1980 CONTEX: USA STREET: 1980 CONTEX: USA STREET: 1980 CONTEX: USA STREET: USA CONTEX: USA STREET: USA CONTEX: USA STREET: USA Windows 95
| CONTEXT READING NOTE: USA STREET: USA S
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Patent No. 5981185

GENERAL INFORMATION:
PAPLICANT: Matson, Robert S.
APPLICANT: Rampal, Jang B.
APPLICANT: SAGUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3: Diskette, 3.50 inch, 1.44 Mb storage IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
1.0%; Score 16.2; Dest Local Similarity 85.7%; Pred. No. 86; Matches 18; Conservative 0; Mismatches
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MOLECULE TYPE: Other nucleic acid
US-08-863-639A-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Windows 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM compat
OPERATING SYSTEM: Wi
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USA
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COUNTRY: US!
ZIP: 91101
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Gaps
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGRY INFORMATION:
NAME: JOSEPH E. Meth
REGISTRATION NUMBER: 20,532
REFERRUCE/ORCHT NUMBER: 20,532
REFERRUCE/ORCHT NUMBER: 11859-1
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 41
US-08-63-639A-68
; Sequence 68, Application US/08863639A
; Patent No. 598185
; GENERAL INFORMATION:
APPLICANT: Mateon, Robert S.
APPLICANT: Rampal, Jang B.
APPLICANT: Rampal, Jang B.
APPLICANT: Cassey, C. T.
APP
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/ABATT INFORMATION:
NAME: Joseph E. Mueth
REGISTRATION NUMBER: 20,532
REGISTRATION NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPRAX: (626) 795-630
INFORMATION FOR SEQ ID NO: 671
SEQUENCE CHARACTERISTICS:
LEMETH: 21 base pairs
TENETH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
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RESULT 44
US-08-956-254-1
| Sequence 1, Application US/08956254A
| Sequence 1, Application US/08956254A
| Patent No. 6013265
| GENERAL INFORMATION:
| APPLICANT: AURELIAN, LAURE
| TITLE OF INVENTION: Vaccine Composition for Herpes Simplex Virus and
| FILE REFERENCE: 1421LA
| CURRENT APPLICATION NUMBER: US/08/956,254A
| CURRENT FILING DATE: 1997-10-22
| EARLIER PILING DATE: 1996-10-22
| NUMBER OF SEQ ID NOS: 2
| SOFTWARE: PatentIn Ver. 2.0
| SEQ ID NO 1
| LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE: OTHER INFORMATION: Description of Artificial Sequence:HYBRIDIZATION OTHER INFORMATION: PROBE CORRESPONDING TO ICPIORR CODING REGION OF OTHER INFORMATION: HSV-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 1.0%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 86; Matches 18; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 85.7%; Pred. No. 86;
Matches 18; Conservative 0; Mismatches
                                                                                            COMPUTER: 10154
COMPUTER: 10154
COMPUTER: READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION NUMBER: US/08/416,214A
FILING DATE: 04-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Kathryn M.
REGISTRATION NUMBER: 34,556
REFERENCE/DOCKET NUMBER: 2026-4166
TELECPHONE: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1364 GACCGCGGGGGGGCGCGGC 1384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: Other nucleic acid HYPOTHETICAL: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           394 CCCCGACATCATATTTAAGGA 414
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 421792
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1: 21 base pairs
Nucleic acid
DEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-416-214A-11
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Patent No. 5998596
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Inhibition Of Protein
TITLE OF INVENTION: Kinase Activity By Aptameric Action Of INVENTION: Oligonucleotides
Query Match 1.0%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 86; Matches 18; Conservative 0; Mismatches 3; Indels
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COUNTRY: USA

ZIP: 91101

COMPUTER: Diskette, 3.50 inch, 1.44 Mb storage COMPUTER: Diskette, 3.50 inch, 1.44 Mb storage COMPUTER: DISKETTE, Windows 95

SOFTWARE: Creal WordPerfect 8 version CTREENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 135

ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Musch A 3.5

ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Musch A 3.5

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION: INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                             Sequence 71. Application US/08863639A
Fatent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Cassein, Peter J.
APPLICANT: Cassein, Deter J.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pagadena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
1.0%; Score 16.2; D
Best Local Similarity 85.7%; Pred. No. 86;
Matches 18; Conservative 0; Mismatches
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                                                                                                       1341 GCGCGGGGACAGCGGCGCG 1361
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (626) 796-4000
TELEPHONE: (626) 796-6321
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSE: MORGAN &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 43
US-08-416-214A-11
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22 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-742-755A-35
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                                   Sequence 32 Application US/08742755A
Sequence 32 Application US/08742755A
Patent No. 3686871
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: An Iterative and Regenerative DNA
TITLE OF INVENTION: An Iterative and Regenerative DNA
TITLE OF INVENTION: Sequencing Method
TITLE OF INVENTION: Sequencing Method
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS: 1
CORRESPONDENCE ADDRESS: 1
COUNTY: Boston
STRATE: 28 State Street
CITY: Boston
STRATE: Assachusetts
COUNTY: USA
COUNTY: USA
COUNTY: ISM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
COMPUTER: IBM PC Compatible
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
COMPUTER: USA STEM: APPLICATION NUMBER: US/08/742,755A
FILING DATE:
TLANG DATE:
APPLICATION NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 435
PRICE APPLICATION NUMBER: UIZ-022
TELECOMMUNICATION NUMBER: UIZ-02
TELECOMMUNICATION NUMBER: UIZ-03
TELECOMUNICATION NUMBER: UIZ-03
TELECOMUNICATION NUMBER: UIZ-03
TELECOMUNICATION NUMBER: UIZ-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 22
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Best Local Similarity 85.7%; Pred. No. 98;
Matches 18; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1307 CTCCTGGCTGCACTGGCGCCC 1327
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; MOLECULE TYPE: DNA
US-08-742-755A-32
RESULT 45
US-08-742-755A-32
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COMPUTER: INPEC COMPASING
COMPATING SYSTEM: PC-DOS/MS-DOS
CURSIANTA PERIODICATION DATA:
CURSIANTA PERIODICATION DATA:
APPLICATION NUMBER: US/08/742,755A
CURSIANTA PERIODICATION NUMBER: US/08/742,755A
CURSIANTA PERIODICATION NUMBER: US/08/742,755A
CURSIANTA PERIODICATION NUMBER: US/08/742,755A
FILING DATE: US/08/742,000
FILING DATA-CARRIESTICS: US/08/742,000
FILING DATE: US/08/742,000
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DB 1;
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85.7%; Pred. No. 98;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Halley, Elizabeth A.
REGIGTRATION NUMBER: 33,505
REFRENCE/DOCKET NUMBER: 01Z-02CP
TELECOMMUNICATION INFORMATION:
TELEPAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1307 CTCCTGGCTGCACTGGCGCCC 1327
                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/742,755
FILING DATE: 01-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/742,755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 85.7%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , MOLECULE TYPE: DNA
US-09-035-183-32
                                                                                                                    CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-035-183-35/c
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                                                                                                                                                                                                                                                                                   RESULT 48
US-09-226-683-35/c
; Sequence 35, Application US/09226683
; Patent No. 6190889
; GENERAL INFORMATION:
; APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA;
TITLE OF INVENTION: Sequencing Method
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSER: 128 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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COUTRY: USA
ZIP: 02109-1875
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/226,683
                                                                                                              Query Match
1.0%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 98;
Matches 18; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.0%; Score 16.2; D
85.7%; Pred. No. 98;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Hanley, Elizabeth A.
REGISTATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)742-7400
TELEPHONE: (617)742-4214
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/742,755
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1307 CICCIGCIGCACIGGGGCCC 1327
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US-09-035-183-32
Sequence 32, Application US/09035183
Patent No. 625853
GENERAL INFORMATION:
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-226-683-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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Best Local Similarity
Matches 18; Conserv
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Patent No. 2528533
Patent No. 2528533
Patent No. 2528533
Patent No. 252853
Patent No. 252853
Patent No. 252853
Patent No. 252853
Patent No. 2528528: Lahive & COCKIELD
STREET: 28 State Street
COTY: Boston
APPLICANT: Jones, Douglas H.

TITLE OF INVENTION: An Iterative and Regenerative DNA Sequencing Method
NUMBER OF SEQUENCES: 41

CORRESPONDER ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                       STATE: DOSCUBERTS
STATE: DOSCUBERTS
CONDITY: USA
ZIP: 02109-1875
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/09/035,183
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBW PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DARR: US/09/035,183
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RESULT 52
US-08-748-591-18/c
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                                                                                                                                                                                                                                                                                                                                                     1.0%; Score 16.2; DB 1; Length 22;
85.7%; Pred. No. 98;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                  3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 94025
ZIP: 94025
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 13, Application US/08748591
| Patent No. 755981
| GENERAL INFORMATION:
| APPLICANT: Bestein, Ervin
| APPLICANT: Hu, Zhlian
| TITLE OF INVENTION: Mutant Human Hedgehog Gene
| TITLE OF SEQUENCES: 23
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Fish and Richardson
| STREET: 2200 Sand Hill Road
| CITY: Menlo Pařk
| STATE: CA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: Sherwood, Pamela J
RECISTRATION NUMBER: 36,677
REFERENCE/FOCKET NUMBER: 66510/067001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEPHONE: (415) 322-5070
TELEPHONE: (415) 322-5070
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
1.0%; Score 16; DB
Best Local Similarity 100.0%; Pred. No. 44;
Matches 16; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                               0, Mismatches
PILING DATE: 01-NOV-1996
ATTORNEY AGENT INFORMATION:
NAME: Hanley, Blizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022CP
TELEPHONE: (617)227-7400
TELEPHONE: (617)227-740
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGHH 22 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                         1307 CTCCTGGCTGCACTGGCGCCC 1327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   22 CICCICGCIGGACIGGCGCAC 2
                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 85.73
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            : 16 base pairs
nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: CDNA
US-08-748-591-13
                                                                                                                                                                                                                                                                      ) TOPOLOGY: linear

) MOLECULE TYPE: DNA

US-09-035-183-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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Sequence 18, Application US/08748591
Patent No. 575911
GENERAL INPORMATION:
APPLICANT: Epstein, Ervin
APPLICANT: Bonifas, Jeanette
TITLE OF INVENTION: Mutant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
STREET: 2200 Sand Hill Road
GITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-748-591-19
Sequence 19, Application US/08748591
Sequence 19, Application US/08748591
Sequence 19, Application US/08748591
GENERAL INFORMATION:
APPLICANT: Epstein, Ervin
APPLICANT: Hu, Zhilan
APPLICANT: Hu, Zhilan
APPLICANT: Hu, Zhilan
APPLICANT: Hu, Zhilan
SAPLICANT: Hu, Zhilan
APPLICANT: Hu, Zhilan
SAPLICANT: Hu, Zhilan
SAPLICANT: Hu, Zhilan
SAPLICANT: Mantant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
SORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
STREET: 2200 Sand Hill Road
STREET: 2200 Sand Hill Road
                                                                                                                                                                                                                                                                                                                                        ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOOTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.0%; Score 16; DB 100.0%; Pred. No. 44; tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     06510/067001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: Sherwood, Pamela J
RECISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510
TELECOMMUNICATION INFORMATION:
TELEPAX: (415) 322-5070
TELEPAX: (415) 854-0875
INFORMATION POR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1561 GGCGCGGGAGGGGCC 1576
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Best Local Similarity 100.0
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94025
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Mer
STATE: CA
COUNTRY:
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Sequence 2, Application US/08914961

Sequence 2, Application US/08914961

Sequence 2, Application US/08914961

Sequence 2, Application US/08914961

Settle No. 6018042

APPLICANT: Mett, Helmut
APPLICANT: Haner, Robert

APPLICANT: Dean, Nicholas Mark

TITLE OF INVENTION: Antitumor Antisense Oligonucleotides

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: CIBA-GRICY Corporation

STREET: Askline Drive

STREET: New York

COUNTRY: USA
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                                                                                                                                                                       Query Match 1.0%; Score 16; DB 1; Length 16; Best Local Similarity 100.0%; Pred. No. 44; Matches 16; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Indels
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10.CATION: 1..20
CHER INFORMATION: /note= "All nucleotides are of the OTHER INFORMATION: phosphorothioate type"
US-08-914-961-2
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Pred. No. 90;
0; Mismatches
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ZIP: 10532
ZORUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ACTI Editor
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/914,961
FILING DATE: 20-AUG-1997
CLASSIFICATION: 214
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/287,753
FILING DATE: 09-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: SPRUILL), W. MULTAY
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1341 GCGCCGCGCACAGCGCCG 1359
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MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 89.5%;
Matches 17; Conservative (
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POSITION IN GENOME:
MAP POSITION: -80
UNITS: bp
                                                                         US-08-748-591-20
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
CLESSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 36,677
REFERENCE/DO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA

ZIP: 94025

ZIP: 94025

COUNTRY: INDEADLE FORM:

MEDIUW TYPE: FLOPDY disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .co-08-748-591-20/c
; Sequence 20, Application US/08748591
; Patent No. 5759811
; GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Epstein, Ervin
APPLICANT: Hu, Zhilan
TITLE OF INVENTION: Mutant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSE: Fish and Richardson
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
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US-08-748-591-20/c
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Sequence 26. Application US/09326186B
| Patent No. 6319906 |
| Patent No. 6319906 |
| GENERAL INFORMATION: |
| APPLICANT: Bennett, Clarence Frank |
| APPLICANT: Wickers, Timothy A. |
| TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the |
| TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the |
| TITLE OF INVENTION: Oligonucleotide Compositions of B7 Protein |
| FILE REFERENCE: ISPH-0376 |
| CURRENT PILING DATE: 1999-06-04 |
| PRIOR APPLICATION NUMBER: US/09/326,186B |
| PRIOR PILING DATE: 1996-12-31 |
| NUMBER OF SEQ ID NOS: 226 |
| SEQ ID NO 26 |
| SEQ ID NO 26 |
| LENGTH: 20 |
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US-09-082-649B-57
| Sequence 57, Application US/09082649B
| Patent No. 633066
| GENERAL INFORMATION:
| APPLICANT: Davis, Heather L. APPLICANT: Endig, Arthur M. APPLICANT: Tong
| TITLE OF INVENTION: Therapeutic Protocols
| FILE REPRENCE: C1039/7005
| FILE REPRENCE: C1039/7005
| CURRENT APPLICATION NUMBER: US 60/047,233
| PRIOR APPLICATION NUMBER: US 60/047,233
| PRIOR APPLICATION NUMBER: US 60/047,233
| PRIOR APPLICATION NUMBER: US 60/047,209
| RAPER FEATURE DATE: 1997-05-20
| NUMBER OF SEQ ID NOS: 85
| SEQ ID NO 57
| LENGTHALE: NUMBER: LABRED FEATURE FASTED FOR Windows Version 3.0
| TANDER OF SEL IN NOS: 85
| LENGTHALE: NUMBER: US 60/047,209
| TANDER OF SEQ ID NOS: 85
| LENGTHALE: LABRED FEATURE FASTED F
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1.0%; Score 15.8; Di
Best Local Similarity 89.5%; Pred. No. 90;
Matches 17; Conservative 0; Mismatches
                                                                                                                                                                           CTHER INFORMATION: synthetic oligonucleotide US-09-030-701-65
                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 89.5%; Pred. No. 90;
Matches 17; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19 GAGGGTCTTCTACGTGAGC 1
                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-326-186B-26/c
LENGTH: 20
                                                                                                                                                    FEATURE:
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                                                                                                      Sequence 26, Application US/08777266A

Sequence 26, Application US/08777266A

Sequence 10. 6077833

GENERAL INFORMATION:
APPLICANT: Clarence Frank Bennett
APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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Patent No. 6214806

GENERAL INPORMATION

GENERAL INPORMATION

APPLICANT: Krieg, Arthur M.

APPLICANT: Krieg, Arthur M.

APPLICANT: Schwartz, David A.

TITLE OF INVENITION: USE OF NUCLEIC ACIDS CONTAINING

TITLE OF INVENITION: UNBETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF

TITLE OF INVENITION: UPS-ASSOCIATED DISORDERS

FILE REFERENCE: C1039/7011

CURRENT APPLICATION NUMBER: 06/039,405

PRIOR APPLICATION NUMBER: 60/039,405

PRIOR PILLING DATE: 1997-02-28

NUMBER OF SEQ ID NOS: 65

SOFFWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE COMPUTER: IBM PS/2 OPERATING SYSTEM: PC-DOS SOFTWARE: WORDPERFECT 5.1 CURRANT APPLICATION DATA: APPLICATION NUMBER: US/08/77,266A FILING DATE: December 31, 1996 CLASSIFICATION DATA: PRICE APPLICATION NUMBER: PRICE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.0%; Score 15.8; D
89.5%; Pred. No. 90;
tive 0; Mismatches
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ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REPRENCE/DOCKET NUMBER: ISPH-0201
TELEPHONE: (609) 779-2400
TELEPHONE: (609) 779-2400
INFORMATION FOR SEQ. ID NO: 26:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          898 GAAGGICITCIACGIGAIC 916
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Best Local Similarity 89.5<sup>3</sup>
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
NATT-SENSE: Yes
US-08-777-266A-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                      RESULT 56
US-08-777-266A-26/C
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US-09-030-701-65
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPARAL, Babita
APPLICANT: AGRANAL, Babita
APPLICANT: AGRANAL, Babita
APPLICANT: AGRANAL, B. Michael
TITLE OF INVENTION: DISORDERS ASSOCIATED WITH T-CELL DYSFUNCTION
FILE REFERENCE: 042081/0129
CURRENT FILING DATE: 1999-06-25
BARLIER APPLICATION NUMBER: 60/090,916
BARLIER FILING DATE: 1998-06-26
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PATENTION OF SEQ ID NOS: 11
ENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-339-944-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.0%; Score 15.8; DB 1; Length 21;
89.5%; Pred. No. 1e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/835,728D
FLING DATE: April 11, 1997
CLASSIFICATION NUMBER: US/08/835,728D
FLING APPLICATION DATA:
APPLICATION NUMBER: US/08/65,716
FILING DATE: June 03, 1996,
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa 38,347
REGISTRATION NUMBER: 38,347
REGISTRATION NUMBER: 38,347
REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Fish & Richardson P.C. STREET: 4225 Executive Square, Suite 1400 CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-06-835-728D-47; Sequence 47, Application US/08835728D; Patent No. 6017704; GENERAL INFORMATION:
               Sequence 11, Application US/09339944
Patent No. 6114129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             731 AAATCGGGAGGCTGCTTCC 749
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TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 89.5
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 92037
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STATE: C/
COUNTRY:
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Factor No. 6503152

GENERAL INFORMATION:
APPLICANT: Solan Murray
APPLICANT: Solan Murray
APPLICANT: Solan Murray
APPLICANT: Solan Murray
APPLICANT: DACQUELINE WYALT
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: ANTISENSE NO TITLE OF INVENTION NUMBER: US/09/898,361
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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US-09-702-327-46/C
US-09-702-327-46/C
US-09-702-327-46/C

Sequence 46, Application US/09702327

Patent No. 642620

GENERAL INFORMATION

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION ANTISENSE MODULATION OF CALRETICULIN EXPRESSION

CURRENT APPLICANTON NUMBER: US/09/702,327

CURRENT APPLICATION NUMBER: US/09/702,327

NUMBER OF SEQ ID NOS: 89

LENGTH: 20

LENGTH: 20
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1.0%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 90;
Matches 17; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1; Length 20;
                                                                                             Query Match
1.0%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 90;
Matches 17; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ), OTHER INFORMATION: Antisense Oligonucleotide US-09-702-327-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
1.0%; Score 15.8; D:
Best Local Similarity 89.5%; Pred. No. 90;
Matches 17; Conservative 0; Mismatches
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-57
                                                                                                                                                                                                    1368 GCGGGGCGCCGCCAG 1386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          522 TGACCGAGGCTGGGACGA 540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  525 CCGAGGCTGGGACGAAGA 543
                                                                                                                                                                                                                                                 2 gcggcggcgcgcgcgcgc
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US-09-898-361-147/c
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RESULT

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FILING DATE
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US-09-490-558-47
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                                                                  Query Match 1.0%; Score 15.6; DB 1; Length 22; Best Local Similarity 81.8%; Pred. No. 1.3e+02; Matches 18; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                          US-08-835-728D-151/c
; Sequence 151, Application US/08835728D
; Patent No. 6017704
; GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
STATE: CA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: BLAD COMPACIAL
COMPUTER: PLOPPY disk
COMPUTER: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/835,728D
FILING DATE: April 11, 1997
CLASSTRICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/656,716
FILING DATE: June 03, 1996,
ATTORNEY/AGENT INPORMATION:
NAME: Haile Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/125001
TELECOMMUTCATION INFORMATION:
TELECOMMUTCATION NUMBER: 07265/12501
TELECOMMUTCATION NOMBER: 07265/12501
TELECOMMUTCATION OR SEQ ID NO: 151:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 65
US-09-490-558-47
US-09-490-558-47
Sequent No. 6265171
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: BAYLIN, Stephen B.
TITLE OF INVENTION: Methylation Specific Detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           375 AACTCACCCCAATTACAACCC 396
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EDNESS: single
; MOLECULE TYPE: DNA
US-08-835-728D-47
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Best Local Similarity
Matches 18; Conserv
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7 MOLECULE TYPE:
US-08-835-728D-151
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Sequence 151, Application US/09490558
Patent No. 6265171
GENERAL INFORMATION:
APPLICANT: Herman, James G.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: STATE
COMPUTER: PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/490,558
FILING DATE:
                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/490,558
                                                                                                                                                                                                                                                                                             PILLING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/835,728
FILING DATE:
ATORNEY/AGENT INFORMATION:
NAME: Haile, Lides A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/125001
TELEPHONE: 619/678-5070
TELEPHONE: 619/678-5070
TELEPAX: 619/678-5070
TELEPAXION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                             CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: FILEDAPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/835,728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 81.8
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
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                                              ADDALL 4225 CITY: La Jolla STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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USA
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Sequence 14, Application US/08970740
Fatent No. 6015670
GENERAL INFORMATION:
APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: GENE OF INTEREST
OWNERS PONDENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: 28 State Street, 28th Floor
CITY: Boston
STATE: Masachusetts
COUNTRY: USA
ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
1.0%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 81;
Matches 16; Conservative 0; Mismatches 1;
                                                                     COUNTY. U. U.S.

ZIP. 02109-1807

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIDLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WOAGPERFECE 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,946
FILING DATE: L6-MAY-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: US/00/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: REALINGEN M. WILLIAMS
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/05573
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9111
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION NDMERE: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION NDTA:
APPLICATION NUMBER: 08/857,946
FILING ADTE: 16-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
FILING DATE: 11-MAY-1997
FILING DATE: 11-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1368 GCGGGGGCGCCGCCGC 1384
                                         Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-970-740-14
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                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ઠે
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US-09-371-72B-4186

is Sequence 4186, Application US/09371772B

is Sequence 4186, Application in Application in Application in Applicant: Racocompose, Dam

is Applicant: Bacocompose, Dam

is APPLICANT: Escobedo, Jaime

is TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Condition

is TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

is TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

is TITLE OF INVENTION: US/09/371,772B

is CURRENT APPLICATION NUMBER: US 60/05/974

is PRIOR APPLICATION NUMBER: US 60/05/974

is PRIOR APPLICATION NUMBER: US 60/05/974

is PRIOR APPLICATION NUMBER: US 68/584,040

is PRIOR FILING DATE: 1995-01-08

is NUMBER OF SEQ ID NOS: 14225

is SOFTWARE: PatentIn version 3.0
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Patent No. 5994075
GENERAL INFORMATION:
APPLICANT:
APPLICANT:
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST NUMBER OP SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: 75 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
1.0%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels
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Best Local Similarity 94.1%; Pred. No. 69;
Matches 16; Conservative 0; Mismatches
                                                                                              07265/125001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22 AACACACAACAACTACAACCC 1
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
RECISTRATION UNDRER: 07265
REFERENCE/DOCKET NUMBER: 07265
TELECOMMUNICATION INFORMATION:
TELEFAX: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 151:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
LENGTH: 22 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1367 CGCGGGGGGGGGGGG 1383
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US-09-371-772B-4186
                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear

MOLECULE TYPE: DNA

US-09-490-558-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 4186
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US-08-857-946-14
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; Patent No. 619767
; GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BEGG, THOWAS
APPLICANT: NILSERNUD, OLE K
APPLICANT: NILSERNUD, OLE K
APPLICANT: NILSERNUD, OLYNND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERBARA G. BENST
STREET: 555 13TH STREET, NW SUITE 701E
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
                                                    Length 22;
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MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM COMPATA:

APPLICATION NUMBER: US/09/101,886B

FILING DATE: 29-JANUARY-1998

CLASSTICATION NUMBER: PCT/GB97/00109

RIGHTORNEY/AGRATION: NUMBER: PCT/GB97/00109

REGISTRATION NUMBER: DCT/GB97/00109

REGISTRATION NUMBER: 30,377

REFERENCE/DOCKET NUMBER: 1181-240

TELERPAK: 202-783-6031

TELERPAK: 202-783-6031
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Pred. No. 1.2e+02;
0; Mismatches 3;
                                                  Query Match
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1368 GCGGGGCGCGCGCGCAGA 1387
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US-09-150-999-6/C
Sequence 6, Application US/09150999A
; Patent No. 6306831
; GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: single
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US-09-101-886B-15
          US-09-197-063-4
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection
FILE REPERENCE: 9710-003-999 CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
NUMBER OF SEQ ID NOS: 6849
SEQ ID NOS: 6849
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                    1; Indels
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1.0%; Score 15.4; Di
Best Local Similarity 94.1%; Pred. No. 81;
Matches 16; Conservative 0; Mismatches
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Sequence 4, Application US/09197063

Sequence 4, Application US/09197063

Petent No. 6261817

GENERAL INFORMATION:
APPLICANT: Zalacain, Magdalena
APPLICANT: Brown, James R.
APPLICANT: Braten, Kichard L.
APPLICANT: Braten, Kichard L.
APPLICANT: Braten, Richard L.
APPLICANT: Warren, Richard L.
APPLICANT: Braten, No. 6261817e1 GuaA
FILE REFERENCE: GMIJO121

CURRENT FILING DATE: 1998-11-20

EARLIER APPLICATION NUMBER: 60/066,350

EARLIER APPLICATION NUMBER: 60/066,350

EARLIER PILING DATE: 1998-11-21

NUMBER OF SEQ ID NOS: 5

SOFTWARE: FastSEQ for Windows Version 3.0

SEQUENCE: SEQ ID NOS 5
                              3529/59829
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/5982
FELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-4399
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
WOLECULE TYPE: other nucleic acid
US-08-970-740-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 70
US-09-198-452A-5835/c
; Sequence 5835, Application US/09198452A
; Patent No. 6559294
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                                                                                                                                                                                                                                                                                                                                                                                                                                 1368 GCGGGGGGGGGGGC 1384
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Best Local Similarity 94.1
Matches 16; Conservative
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60/082,791
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; Sequence 6, Application US/09982465
; Patent No. 657618
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ACGTCGAGGGCCGGGGAG 20
  CURRENT FILING DATE: 1999-04-22
FARLIER APPLICATION NUMBER: US 60, SARLIER FILING DATE: 1998-04-23
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 8
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 617-542-2241
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                      Best Local Similarity 85.C
Matches 17; Conservative
                                                                                                                                                                                                         ORGANISM: Human
                                                                                                                                                                                                                                 US-09-295-593-8
                                                                                                                                                                                   TYPE: DNA
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Sequence 8, Application US/09295593
Patent No. 6417169
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: LEE, YOUNG, Aiping H.
APPLICANT: LEE, YOUNG, Aiping H.
TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
TITLE OF INVENTION: GROWTH
FILE REPRENCE: 032396-046
CURRENT APPLICATION NUMBER: US/09/295,593
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APPLICANT: ROBERTS, Peter C.

APPLICANT: DRIVER, Samuel E.

TITLE OF INVENTION: TRANSPLACENTAL DELIVERY OF OLIGONUCLECTIDES
FILE REFERENCE: 109-942-114
CURRENY APPLICATION NUMBER: US/09/150,999A
CURRENY FILING DATE: 1998-09-10
NUMBER OF SEQ ID NOS: 12
SUFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 20
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                                                                                                                                                                                                                                                                                                    FEATURE:
CHER INFORMATION: Description of Combined DNA/RNA Molecule:M13
CHER INFORMATION: Oligonuclectide
CHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-150-999-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence Application US/09487253A; Sequence Application US/09487253A; Sequence Application US/09487253A; Sequence Application US/09487253A; Patent No. 6399763; Sequence Application: September 1 Trize Office Book Office Control of Applicant; Cornells P.B. Van Der LogT; Trize OF INVENTION: METHOD FOR PRODUCING ANTIBODY FRAGMENTS; Trize Reference: 60113/266062 - 73076(C); CURRENT APPLICATION NUMBER: US/09/487,253A; CURRENT FILING DATE: 2000-01-19; PRIOR PLILNG DATE: 1999-01-19; PRIOR PLILNG DATE: 1999-01-19; NUMBER OF SEQ ID NOS: 39; SEQ ID NO 7; LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: PRIMER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
1.0%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
1.0%; Score 15.2; DB 1; Length 2
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       769 CCTGGAGCAGGCGCACCA 788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        34 CGAGCCGGAGCGAGGGAAGGG 53
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                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 74
US-09-487-253A-7/c
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US-09-295-593-8
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1.0%; Score 15.2; DB 1; Length 20; 85.0%; Pred. No. 1.2e+02; rive 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mintz Levin Cohn Ferris Glovsky and Popeo P.C.
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Roberts, Peter D.
Driver, Samuel B.
TITLE OF INVENTION: TRANSFLACENTAL DELIVERY OF
OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 15.2; DB 1;
Pred. No. 1.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: US/09/982,465

FILING DATE: 18-0ct-2001

CLASSIFICATION: «Unknown»

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/150,999

FILING DATE: 11-Apr-00

APPLICATION NUMBER: 06/058,585

FILING DATE: 11-Apr-00

APPLICATION NUMBER: 05/058,585

ATTORNEY/AGENT INFORMATION:

NAME: BLYÉE, IYOF R.

REGISTRATION NUMBER: 39,529

REGISTRATION NUMBER: 39,529

REGISTRATION NUMBER: QIK-1

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
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SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-982-465-6
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Best Local Similarity
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Gaps
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| Sequence 10, Application US/09205860
| Sequence 10, Application US/09205860
| Pattent No. 5981732
| APPLICANT: Lex M. Coweert
| TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
| FILLE REPERENCE: RTS-0031
| CURRENT APPLICATION NUMBER: US/09/205,860
| CURRENT PILING DATE: 1998-12-04
| SEQ ID NO 10
| LENGTH 18
| LENGTH 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match

0.9%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKEY NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPRAX: (415) 824-0875
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                               CITY: Menlo Park
STATE: CA
COUNTY: USA
ZIP: 940.25
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: ISM PC COMPATIBLE

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US-09-205-860-13
Sequence 13, Application US/09205860
Facent No. 5991732
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1367 CGCGGGGGGGGGGGG 1384
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                  2200 Sand Hill Road
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18 candececcecceccecce
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Matches 16, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
STREET: 2200 -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-748-591-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                      Gaps
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Sequence 9, Application US/08662963
Patent No. 5738993
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Oligonuclectide and Method for
TITLE OF INVENTION: Oligonuclectide and Method for
TITLE OF INVENTION: Analyzing Base Sequence of Nucleic Acid
Patent No. 5738993
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth, Lind & Ponack
ADDRESSEE: Wenderoth, Lind & Ponack
CITY: Washington, D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
1.0%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 78

US-08-748-591-22

Sequence 22, Application US/08748591

Patent No. 5759811

GENERAL INFORMATION:
APPLICANT: Betain, Ervin
APPLICANT: Bonifas, Jeanette
TITLE OF INFORMICES: 23

CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  // TOPOLOGY: linear
// MOLECULE 1YPE: other..synthetic oligonucleotide
// WOLECULE 1YPE: other..synthetic oligonucleotide
// WOLECULE 1939
                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Matthew Jacob
REGISTRATION NUMBER: 25,154
REFERENCE/DOCKET NUMBER: 1416-0P297US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-8850
TELEPHONE: (202) 371-8856
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.

ZIP: 20005
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Word Perfect 5.1+
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/662,963
FILING DATE:
CLASSIPICATION WITA:
APPLICATION NUMBER: 08/0392,147
FILING DATE: REALMATION JUTA:
APPLICATION NUMBER: 08/392,147
FILING DATE: REALMATION:
ATTORNEY AGENT. INFORMATION:
WANDER ATTORNEY JOSE
ATTORNEY AGENT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  50 AGGGAAAGCGCAAGAGAGAG 69
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                                                                                    34 CGAGCCGGAGCGAGGAAGGG 53
                                                                                                                                20 CGAGCCGGAGAGGGAGCG 1
                  Matches 17; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                      RESULT 77
US-08-662-963-9
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STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-970-740-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ф
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TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION CYPLE REPRESENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
SEQ ID NOS: 87
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ô
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Patent No. 5994075
GENERAL INFORMATION:
APPLICANT: GOODGELIOW, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
STREET: 75 State Street
STREET: 75 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.9%; Score 14.8; DB 1; Length 18; Best Local Similarity 88.9%; Pred. No. 1.1e+02; Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.9%; Score 14.8; DB 1; Length 18;
88.9%; Pred. No. 1.1e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: Antisense Oligonucleotide US-09-205-860-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTY: USA

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfeet 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,946
FILING DATE: 16-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/00/017,824
FILING DATE: 17-MAY-1997
APPLICATION NUMBER: US/60/017,824
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williame
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/05573
TELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1341 GCGGCGGGACAGCGGCG 1358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  605 GACCGCGACCGCAGCAAG 622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GACCGCGACGCAGGAAG 18
                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS: LENGTH: 18 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        single
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: singl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-857-946-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 81
US-08-857-946-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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APPLICANT: Morgan, Antony R.
APPLICANT: Severini, Alberto
TITLE OF INVENTION: Compositions and Methods for Determining the Activity
TITLE OF INVENTION: OF DNA-Binding Proteins and of Initiation of
TITLE OF INVENTION: Transcription
FILE REPERBNCE: DNAB-029,
CURRENT APPLICATION NUMBER: US/09/593,323
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: 09/344,300
PRIOR APPLICATION NUMBER: 09/344,300
NUMBER OF SEQ ID NOS: 72
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Sequence 8, Application US/08970740
Patent No. 6015670
Patent No. 6015670
APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST NUMBER OF SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: 28 State Street, 28th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.9%; Score 14.8; DB 1;
88.9%; Pred. No. 1.1e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: WordPerfect 6.1
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION NUMBER: 08/057,946
FILING DATE: 16-NAY-1997
PRIOR APPLICATION NUMBER: 60/017,824
FILING DATE: 17-NAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: KACHIEGEM. WILLIAMS:
RESTRANTION NUMBER: 34.380
REFERENCE/DOCKET NUMBER: 3529/59829
TELECHONINICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3529/59829
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIF: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 34, Application US/09593323
Patent No. 6265213
GENERAL INFORMATION:
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Matches 16, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         single
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Sequence 13, Application US/09009483A
Patent No. 6083699
GENERAL INFORMATION:
APPLICANT: Leushner, James
APPLICANT: Hul, May
APPLICANT: Dunn, James M.
APPLICANT: Larson, Marina T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             526 CGAGGGCTGGGACGAAGA 543
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MOLECULE TYPE: DNA (genomic)
US-08-589-939-37
                                                             Query Match
Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.99
Matches 16; Conservative
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STRANDEDNESS: single
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                   US-09-344-300-34
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Sequence 34, Application US/09594108

Sequence 34, Application US/09594108

Sequence 36, Application US/09594108

Septiment No. 6284468

SEPTIMENTIAL INFORMATION: Alberto

TITLE OF INVENTION: Of DNA-Binding Proteins and of Initiation of TITLE OF INVENTION: Transcription

TITLE OF INVENTION: Of DNA-Binding Proteins and of Initiation of TITLE OF INVENTION: US/09/594,108

TITLE OF INVENTION: DNA-Binding Proteins and of Initiation of TITLE OF INVENTION UNMBER: US/09/594,108

CURRENT FILING DATE: 2000-06-13

SEQUENCE ILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 72

SEQ ID NO 34

LENGTH: 18
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Sequence 34, Application US/09344300B

Sequence 34, Application US/09344300B

Patent No. 6297013

GENERAL INFORMATION:
TITLE OF INVENTION: Alberto

TITLE OF INVENTION: Compositions and Methods for Determining the Activity
TITLE OF INVENTION: Compositions

TITLE OF INVENTION: Of DNA-Binding Proteins and of Initiation of
TITLE OF INVENTION: Transcription

TITLE OF INVENTION: 1020221

CURRENT APPLICATION NUMBER: US/09/344,300B

CURRENT FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 72

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 34

LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-594-108-34
                                                                                                                                    FEATURE:
, OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-593-323-34
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                                                                                                                                                                                                                            Length 18;
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                                                                                                                                                                                                                          Score 14.8; DB 1; Length 1
Pred. No. 1.1e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                            Query Match
Best Local Similarity 88.9%;
Matches 16; Conservative
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                      PatentIn Ver. 2.0
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Best Local Similarity 88.9<sup>5</sup>
Matches 16; Conservative
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SOFTWARE: Pa
SEQ ID NO 34
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                                                                                  us-08-589-939-37/c
) Sequence 37, Application US/08589939
) Patent No. 601562
) GENERAL INFORMATION:
APPLICANT: Hackett, Jr., John R.
APPLICANT: Hoff, Jane A.
APPLICANT: Gottow, David H.
APPLICANT: Gottom, Alan M.
TITLE OF INVENTION: CONTROLS
ITTLE OF INVENTION: CONTROLS
AUTHORISE SEQUENCE: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: 1L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.9%; Score 14.8; DB 1; Length 19; 88.9%; Pred, No. 1.2e+02; tive 0; Mismatches 2; Indels
                              Indels
                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/589,939
Score 14.8; DB 1;
Pred. No. 1.1e+02;
0; Mismatches 2;
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US-08-465-485A-28
Sequence 28, Application US/08465485A
Sequence 28, Application US/08465485A
Sequence 28, Application US/08465485A
SERVETA NOT SEQUENCE
TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, WAIER & NEUSTADT,
STREET: 1755 S. Jefferson Davis Hwy., Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,485A
FILING DATE: 05-UNN-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/124,256
FILING DATE: 20-SEP-1993
PRIOR APPLICATION NUMBER: US 07/840,716
FILING DATE: 21-FEB-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSE: P.C.
STREET: 1755 S. Jefferson Davis Hwy., Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           119 GACAGCTCGGAAGTCATC 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 19: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 gaccecicedaagicric 3
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Best Local Similarity 88.9%;
Matches 16; Conservative
     COUNTRY:
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US-07-940-242A-19/C

Sequence 19, Application US/07940242A

Patent No. 5427909

GENERAL INFORMATION:
APPLICANT: OKAMOTO, Hiroaki
ITILE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
ITILE OF INVENTION: SYSTEM OF HCV GENOTYPES

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:
ADDRESSEE: Beveridge, DeGrandi, Weilacher & Young
STREET: 1850 M Street, N.W. (Suite 800)

CITY: Washington
APPLICANT: Lacroix, Jean-Michel
APPLICANT: Shipman, Robert
TITLE OF INVENTION: METHOD FOR BI-DIRECTIONAL SEQUENCING OF
TITLE OF INVENTION: NUCLEIC ACID POLYMERS
NUMBER OF SEQUENCES:
ADDRESSE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
GITY: Yorktown
STREET: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.9%; Score 14.8; DB 1; Length 19; Best Local Similarity 88.9%; Pred. No. 1.2e+02; Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TUPES Diskette - 3.5 inch, 1.44 Mb storage COMPUTER: Diskette - 3.5 inch, 1.44 Mb storage COMPUTER: IBM compatible OPERATING SYSTEM: MS DOS OPERATING SYSTEM: MS DOS CONTWARE: World Perfect CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,483A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nuclett couple STRANDEDNESS: double TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION 1435
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1364 GACCGCGGGGGCGCGC 1381
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SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: yes
PRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
                                                                                                                                                                                                                                            as
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                                                                                                                                                                                                                                            COUNTRY:
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CONTINUED CONTINUED COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/940,242A
FILING DATE: 08-SEP-1992
CLASSIFICATION: 435
PRIOR REPLICATION DATA:
APPLICATION NUMBER: US/07/940,242A
FILING DATE: 09-SEP-1991
PRIOR REPLICATION DATA:
APPLICATION NUMBER: US 093960/92
FILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Weilacher Robert G
REFERRICE/DOCKET NUMBER: 20,531
REFERRICE/DOCKET NUMBER: 20,531
REFERRICE/DOCKET NUMBER: 20,531
REFERRICE/DOCKET NUMBER: 20,531
REFERRICE/ONCHINFORMATION:
TELLEFFAX: MILE (202) 659-2811
TELLEFFAX: MILE (202) 659-2811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2;
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20 base pairs nucleic acid
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CHER INFORMATION:
COTHER INFORMATION:
US-09-080-285-28
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US-09-416-756A-4
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APPLICANT: Robert McKay
APPLICANT: Radeline M. Butler
APPLICANT: Lex M. Cowsert
TITLE OP INVENTION: ANTISENSE MODULATION OF PEPCK-MITOCHONDRIAL EXPRESSION
FILLS REPERENCE: RTS-0073
CURRENT APPLICATION NUMBER: US/09/366,257
CURRENT FILING DATE: 1999-08-03
N NUMBER OF SEQ ID NOS: 47
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match

0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
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Patent No. 6040181
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INFORMION: Regulation of bc1-2 Gene Expression
NUMBER OF SEQUENCES: 29
PRIOR APPLICATION DATA:
APPLICATION WHERE:
PILING DATE: 22-DEC-1988
ATTORNEY/AGENT INPORMATION:
NAME: FORTINGY, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 34,600
TELEPHONE: (408) 436-2076
TELEPHONE: (408) 436-2075
INPORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STANDEDNESS: single
STANDEDNESS: single
TYPE: MANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-366-257-11
                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECTUE TYPE: Other nucleic acid,
DESCRIPTION: Synthetic DNA
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1371 GGGCGGCGCGCCAGAG 1388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          623 TACGGCATGCTGGCCGC 640
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Modified_base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 18.19
CTHER INFORMATION:
CTHER INFORMATION:
US-08-465-485A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-080-285-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 91
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ADDRESSEE OBLOW, SPITAR, MCCLELLAND, MAIRE & NEUSTADT, ADDRESSEE OBLOW, SPITAR, MCCLELLAND, MAIRE & NEUSTADT, ADDRESSEE OBLOW, SPITAR, MCCLELLAND, MAIRE & NEUSTADT, ADDRESSEE OBLOW, SPITAR, MCCLELLAND, SILE 400

STRET. 1375 & Jefferson Davis Nay., Suite 400

CONNETS. IN FOR COMPATION CONNETS. IN SPITAR, COCKS, MSD COCKS, MSD CONNETS. IN FOR COMPATION STREET. COCKS, MSD CO
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: 7.5.3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,654B
FILING DATE: 24-MAR-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/229,854
FILING DATE: 19-ARR-1992
APPLICATION NUMBER: US 07/926,853
FILING DATE: 06-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: FOULKE, Cynthia L.
REGISTRATION NUMBER: 32,364
REGISTRATION NUMBER: 32,364
REGISTRATION NUMBER: 32,364
REGISTRATION NUMBER: 32,364
REGISTRATION NUMBER: 2997
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (oligonucleotide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-474-851-41/c
; Sequence 41, Application US/08474851; Patent No. 583723; GENERAL INFORMATION:
APPLICANT: Rene de Waal Malefyt; APPLICANT: Di-Hwei Hsu
                            1371 GGGGCGGCGCGCAGAG 1388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         118 GGACAGCTCGGAAGTCAT 135
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INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18 GCCAGCTTGGAAGTCAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Kenilworth
STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     07033
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US-09-488-671-156/c
| US-09-488-671-156/c
| Sequence 156, Application US/09488671A
| Patent No. 6187545
| GENTRAL INFORMATION:
| APPLICANT: Robert McKay
| APPLICANT: Madeline Myatt
| APPLICANT: Jacqueline Wyatt
| APPLICANT: Los M. Cowsert
| TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
| FILE REPRENCE: FIS-012
| CURRENT APPLICATION NUMBER: US/09/488,671A
| UNMER OF SEQ ID NOS: 177
| SEQ ID NO 156
| LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                              ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
(MS-09-416-756A-4
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0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.9%; Score 14.8; DB 1; Length 2 Best Local Similarity 88.9%; Pred. No. 1.4e+02; Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 28, Application US/09724426
| Patent No. 6414134
| GENERAL INFORMATION:
| APPLICANT: Reed, John
| TITLE OF INVENTION: Regulation of BCL-2 Gene Expression
| FILE REFERENCE: 10412-024
| CURRENT APPLICATION NUMBER: US/09/724,426
| CURRENT FILING DATE: 2000-11-28
| NUMBER OF SEQ ID NOS: 29
| SEQ ID NO 28
| LENGTH: 20
                                                                                                                                                                                                                                                                                                                                           2; Indels
                                                                                                                                                                                                                                                                                          Length
                                                                                                                                                                                                                                                                                     Query Match

0.9%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; PEATURE:
; OTHER INFORMATION: Antisense Oligonuclectide
US-09-488-671-156
PRIOR APPLICATION NUMBER: DE 19846499.1
PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 18
SCOFWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                         561 AGTCTCTGCACTACGAGG 578
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                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-724-426-28
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Gaps
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US-08-410-654B-41/c

Sequence 41, Application US/08410654B

Patent No. 58330

Patent No. 58330

APPLICANT: Rene de Waal Malefyt

APPLICANT: Rene de Waal Malefyt

APPLICANT: Anne O'Garra

APPLICANT: Anne O'Garra

TITLE OF INVENTION: Use of Interleukin-10 to Treat

TITLE OF INVENTION: Use of Interleukin-10 to Treat

TITLE OF INVENTION: Septic Shock

NUMBER OF SEQUENCES: 61

CORRESPONDENCE ADDRESSE: 61

CORRESPONDENCE ADDRESSE: Schering-Plough Corporation

STREET: 2000 Galloping Hill Road
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18 GGCCAGCTTGGAAGTCAT 1
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Best Local Similarity 88.9
Matches 16; Conservative
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          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 98
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APPLICANT: Anne O'Garra
APPLICANT: Hergen Spits
TITLE OF INVENTION: Use of An Interleukin-10 Antagonist to Treat
TITLE OF INVENTION: Use of An Interleukin-10 Antagonist to Treat
TITLE OF INVENTION: A B Cell Mediated Autoimmune Disorder
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSE: Schering-Flough Corporation
STREET: 2000 Galloping Hill Road
CITY: Kenilworth
STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .
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US-08-481-560-41/C
US-08-481-560-41/C
Sequence 41, Application US/08481560
Fatent No. 3837293
GENERAL INFORMATION:
Rene de Waal Malefyt
APPLICANT: Rene Ge Waal
APPLICANT: Anne O'Garra
APPLICANT: Anne O'Garra
FITLE OF INVENTION: Use of Interleukin-10 to Modulate
FITLE OF INVENTION: Use of Interleukin-10 to Modulate
FITLE OF INVENTION: Inflammation or T-Cell Mediated
FITLE OF INVENTION: Inflammation or T-Cell Mediated
FITLE OF INVENTION: Immune Function
NUMBER OF SEQUENCES 61
CORRESPONDENCES 61
FUNCESTORES ADDRESS:
ADDRESSE: Schering-Plough Corporation
STREET: 2000 Galloping Hill Road
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: 7.5.3
SOFTWARE: Microsoft Word 6.0
CURSTRENT APPLICATION DATA:
PILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/410,654
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: 08/410,654
FILING DATE: 19-ARR-1995
APPLICATION NUMBER: US 07/926,853
FILING DATE: 19-ARR-1994
APPLICATION NUMBER: US 07/926,853
FILING DATE: 19-ARR-1994
APPLICATION NUMBER: US 07/742,129
FILING DATE: 06-AUG-1991
APPLICATION NUMBER: US 07/742,129
FILING DATE: OF-AUG-1991
APPLICATION NUMBER: US 07/742,129
FILING DATE: OF-AUG-1991
ATTORNEY, AGENT INFORMATION:
NAME: FOULKE, CYNTHÀR L.
REGISTRATION NUMBER: 32,364
REFERENCE/DOCKET NUMBER: DX0221KQ1GD
TELECOMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               118 GGACAGCTCGGAAGTCAT 135
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: double
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88.9%; Pred. No. 1.6e+02;
tive 0; Mismatches 2; Indels
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COMPUTER READABLE FORM:

MEDIUM TYPE: RIOPY disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: DATE PC COMPATIBLE

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/08/621,841

FILING DATE: 22-MAR-1996

CLASSIFICATION: S14

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9505784.0
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: 7.5.3
SOFTWARE: Macrosoft word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,560
FILING DATE: 07-UN-1995
CLASSIFICATION NUMBER: 08/410,654
FILING DATE: 19-APR-1995
APPLICATION NUMBER: US 08/229,854
FILING DATE: 19-APR-1994
APPLICATION NUMBER: US 07/742,129
FILING DATE: 06-AUG-1992
APPLICATION NUMBER: US 07/742,129
FILING DATE: 06-AUG-1992
APPLICATION NUMBER: US 07/742,129
FILING DATE: 06-AUG-1992
APPLICATION NUMBER: US 07/742,129
FILING DATE: US 07/742,129
FILING DATE: US 07/742,129
FILING DATE: US 07/742,129
FILING DATE: US 20-296,853
FILING DATE: US 20-296,853
FILING DATE: US 20-296,984
INFORMUNICATION INFORMATION:
TELECOMMUNICATION 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    118 GGACAGCTCGGAAGTCAT 135
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: DUGAN, DEDORAH A.
REGISTRATION NUMBER: 37,315
REPRENCE/DOCKET NUMBER: IGS-ITELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17 cracacardacadrca 2
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Best Local Similarity 93.84
Matches 15, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapien
IMMEDIATE SOURCE:
CLONE: R347PN
                                           ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
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APPLICANT: Carson, John H.

APPLICANT: Kevin

APPLICANT: Kevin

APPLICANT: Atgner, Kevin

APPLICANT: Avossa, Daniella

TITLE OF INVENTION: MYELIN BASIC PROTEIN MRNA TRANSPORT AND TRANSLATION

TITLE OF INVENTION: ENHANCER SEQUENCES

TITLE APPLICANT: BOYSES

CURRENT PAPLICATION NUMBER: US/08/853,980

CURRENT PILING DATE: 1997-05-09

NUMBER OF SEQ ID NOS: 30

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 20

LENGTH: 21
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US-08-281-940-45/c
; Sequence 45, Application US/08281940
; Fatent No. 5589330
; Patent No. 5589330
; TITLE OF INVENTION:
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DARBY & DARBY P.C.
; STREET: 805 THEN AVENUE
; CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.9%; Score 14.8; DB 1; Length 21; Best Local Similarity 88.9%; Pred. No. 1.6e+02; Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism:
US-08-853-980-20
                                                                                                                                                                                                                                                                                                                                                                                             Query Match

0.9%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2;
FILING DATE: 22-MAR-1995
ATTORNEY AGENT INFORMATION:
NAME: Dreger, Walter 1.90
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-63316
TELEPHONE: (415) 781-1989
TELEPHONE: (415) 781-1989
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 20, Application US/08853980 Patent No. 6225082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  118 GGACAGCTCGGAAGTCAT 135
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ORGANISM: Unknown
                                                                                                                                                                                                                                                                                      TOPOLOGY: li
HYPOTHETICAL:
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 99
US-08-853-980-20
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COMPARTY: USAS DESIGNATION OF THE COMPARTY: USAS DESIGNATION OF THE COMPARTY: USAS DESIGNATION OF THE COMPARTY OF THE
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Sequence 45, Application US/0848585

FREETR No. 5849491001

FREETR No. 5849491001

FREETR NO. 5849491001

FITLE OF INVENTION: HIGHER, ANTHONY P.

TITLE OF INVENTION: HIGHER, ANTHONY P.

TITLE OF INVENTION: SEQUENCES OF GENETIC ALTERATIONS IN NUCLEIC ACIDS NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:

FORESSE: General Correction

STREET: One Mountain Road

CITY: Framingham

STATE: Massachusetts

COUNTRY: USA

ZIF: 01701

COMPUTER: IBM PC compatible

SOFTWARE: USA

FILING DATE: USA

FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

0.9%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARATERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPROLOGY: linear
MOLECULE TYPE: other nucleic acid
BESCRIPTION: /desc = "Oligonucleotides"
US-08-710-134-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1514 CTGGGCATGGCGGTCA 1529
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RESULT 103 US-09-496-694B-99/C

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PARENT NO. 6335394

PARENT NO. 6335394

APPLICANT: C. FEAR BERNET

APPLICANT: G. FARA BERNET

CTHERNY FILMS DATE: J090-04-05

PRIOR APPLICATION NUMBER: 09/163,162

PRIOR APPLICANTON NUMBER: 09/163,162

PRIOR APPLICANT: G. COMPOSITION AND METHODS FOR TITLE OF INVENTION: D. FARA APPLICANT: G. COMPOSITION AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHODS FOR TITLE OF INVENTION: D. PRIOR CONTON SOUTH AND METHOD SOUTH AND METHO
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APPLICANT:
APPLICANT:
Madeline M. Butler
APPLICANT:
APPLICANT:
APPLICANT:
AGQUELINE Wyatt
TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
SEQ ID NO 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
FILE REFERENCE: RTS-0118
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                                                                                                                                                                                                                                                 Query Match 0.9%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 1.7e+02; Matches 15; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
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93.8%; Pred. No. 1.7e+02;
tive 0; Mismatches 1;
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Pred. No. 1.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-593-711A-37
                                                                                                                                                             FEATURE:
COTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-15
  CURRENT APPLICATION NUMBER: US/09/513,729B
CURRENT FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
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Sequence 127, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-593-711A-37; Sequence 37, Application US/09593711A; Patent No. 6271030
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ORGANISM: Artificial Sequence
                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                       4 CAGCGGCGGCGAC 19
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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Patent No. 6165791

GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION:
ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSIC
FILE REFERENCE:
RTS-0112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | GENERAL NO. 023//01.
| GENERAL NO. 023//01.
| GENERAL INFORMATION:
| APPLICANT: Cohen, Daniel |
| APPLICANT: Chumakov. Ilya |
| APPLICANT: Chumakov. Ilya |
| TITLE OF INVENTION: Biallelic markers for use in constructing a high density... |
| FILE REPRENCE: GENERAL OSCOP! |
| CURRENT APPLICATION NUMBER: US/09/422,978 |
| GENERAT APPLICATION NUMBER: US 09/298,850 |
| EARLIER PILING DATE: 1999-10-20 |
| EARLIER PLING DATE: 1999-11-23 |
| EARLIER APPLICATION NUMBER: US 60/109,732 |
| EARLIER PLING DATE: 1998-11-23 |
| EARLIER PILING DATE: 1998-04-21 |
| NUMBER OF SEQ ID NOS: 11796 |
| LENGTH: 19
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; OTHER INFORMATION: upstream amplification primer 99-24232 for SEQ 3186,
US-09-422-978-7120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                       0.9%; Score 14.4; DB 1;
93.8%; Pred. No. 1.3e+02;
tive 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 14.4; DB 1;
Pred. No. 1.5e+02;
0; Mismatches 1;
FILING DATE: September 2, 1994

ATTORIEV/AGENT INFORMATION:
NAME: Warburg Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEPA: (213) 955-0440

TELENA: (7-3510

INFORMATION FOR SEQ ID NO: 1165:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
STRONDENNESS: single
STRONDENNESS: single
US-08-679-645-1165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7120, Application US/09422978
Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1368 GCGGGGGCGCCGCGG 1383
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Best Local Similarity 93.8%;
Matches 15; Conservative
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: primer_bind LOCATION: 1..19
                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 15; Conservat
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US-09-513-729B-15
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19 Grrcrrcaccaacrrcrrc 1
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          516-742-4366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear / MOLECULE TYPE: CDNA US-08-860-635A-12
                                                                                                                                                                 U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                     11530
                                                                                                                                        STATE: N. COUNTRY: ZIP: 1153
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                                                                                                                                      RESULT 109
US-09-593-711A-128/C
Sequence 128, Application US/09593711A
Sequence 128, Application US/09593711A
Sequence 128, Experiment No. 6271030
GENERAL INFORMATION:
PAPLICANT: Brett P. Monia
APPLICANT: Jacqueline W. Butler
APPLICANT: Jacqueline Wyatt
ITLE OP INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
SEQ ID NO 128
LENGTH: 20
LENGTH: 20
LENGTH: 20
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US-09-702-246-11/C
is Sequence 11, Application US/09702246
is Partent No. 6383809
is GRNERAL INFORMATION:
is APPLICANT: C. Frank Bennett
is TITLE OF INVENTION:
is TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
is TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
is TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
is CURRENT PILING DATE: 2000-10-30
is NUMBER OF SEQ ID NOS: 89
is SEQ ID NO 11
is LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.9%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 1.7e+02; Matches 15; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , OTHER INFORMATION: Antisense Oligonucleotide US-09-593-711A-128
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; CTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-11
Mismatches
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Patent No. 6143878
GENERAL INFORMATION:
APPLICANT: Goodfellow, Peter
APPLICANT: Goodfellow, Peter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          883 CGACGACGCCCAAG 898
                                        883 CGACGACGCCCAAG 898
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                32 GGCGAGCCGGAGCGAG 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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                                                                 16 CGACTACGGCGCCAAG 1
Conservative
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15;
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Matches
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Gaps
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; Sequence 106 Application US/08348548
; Parlent No. 6258529
; GENERAL INFORMATION:
    APPLICANT: Berdoz, Jose
; APPLICANT: Krachenbuhl, Jean Pierre
; TITLE OF INVENTION: PCR AMPLIFICATION OF REARRANGED GENOMIC
; TITLE OF INVENTION: VARIABLE REGIONS OF IMMUNOGLOBULIN GENES
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:
; Boston
; CITY: Boston
; CITY: Boston
SOX-9 GENE AND PROTEIN AND USE IN THE REGENERATION OF BONE OR CARTILAGE 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .
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TITLE OF INVENTION: SOX-9 GENE AND PROTEIN AN TITLE OF INVENTION: USE IN THE REGENERATION (UNMBER OF SEQUENCES: CORRESPONDENCE ADDRESS: ADDRESSES: Scully, Scott, Murphy & Presser STREET: 400 Garden City Plaza
                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
WEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/860,635A
FILING DATE: 22-MAY-1997
CLASSIPICATION NUMBER: AU PM9714
FILING DATE: 26-MOV-1994
APPLICATION NUMBER: BCTAUGATION DATA:
FILING DATE: 26-MOV-1994
APPLICATION NUMBER: PCT/AU95/00799
FILING DATE: 29-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGILO, FRANK S.
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 10981
TELEPHONE: 516,742,4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: MA
COUNTRY: 102110-2804
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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US-07-626-618A-10/c
; Sequence 10, Application US/07626618A
; Patent No. 5422265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1198 GGCCCAGGCCACCATTCTC 1216
                                                                                                                                                                                                                                           850 GCTCTACAGCGACTTCCTC 868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19 GGGCCAAGGCACCACTCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (617) 542-5070
TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 19 base pairs
TYPE: nucleic acid
                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                 ; MOLECULE TYPE:
US-09-281-476-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PCT-US95-15716-106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: BOS
STATE: MA
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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US-09-201-476-12/C
US-09-201-476-12/C
Sequence 12, Application US/09281476
Factor No. 631659;
GENERAL INFORMATION:
APPLICANT: Goodfellow, Peter
APPLICANT: Goodfellow, Peter
TITLE OF INVENTION: USE IN THE REGENERATION OF BONE OR CARTILAGE
TITLE OF INVENTION: USE IN THE REGENERATION OF SONE OR CARTILAGE
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
CITY: Garden City
                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.9%; Score 14.2; DB 1; Length 19; 84.2%; Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3; Indels
Patentin Release #1.0, Version #1.30B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/348,548
FILING DATE: 01-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: CLARK, PAUL T.
REGISTRATION NUMBER: 30.162
REFERENCE/DOCKET NUMBER: 06132/009001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: 1NFORMATION:
TELEPRENCE: (617) 542-5070
TELEPRENCE: (617) 542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/860,635
FILING DATE:
APPLICATION NUMBER: AU PM9835
FILING DATE: 05-DEC-1994
APPLICATION NUMBER: PCT/AU95/00799
FILING DATE: 29-NOV-1955
ATTORNEY/AGENT INFORMATION:
NAME: D1614916, FRANK S.
REGISTRATION NUMBER: 31,346
REPRENCE/DOCKET NUMBER: 10981
TELECOMMUNICATION INFORMATION:
TELESHONE: 516-742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: DOS
OPURARE: FRSESEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/281,476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1198 GGCCCAGGGCACCATTCTC 1216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19 GGGCCAAGGCACCACTCTC 1
                                                                                                                                                                                                                                 TELEX: 200154
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 84.2
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: list
; MOLECULE TYPE:
US-08-348-548-106
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Sequence 106, Application PC/TUS9515716

GENERAL INFORMATION:
APPLICANT: Reachenbuhl, Jean Pierre
APPLICANT: Krachenbuhl, Jean Pierre
APPLICANT: Reachenbuhl, Jean Pierre
APPLICANT: Reachenbuhl, Jean Pierre
APPLICANT: Fish Enchardson
STREET: 225 Franklin Street, Suite 3100
CITY: Boeton
Query Match

0.9%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15716
FILNG APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15716
FILNG DATE: 01-DEC-1994
ATTONEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISCHATION NUMBER: 30,162
REFERENCEY/DOCKET NUMBER: 30,162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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1293 GCCTGGCGCACGCGCTCCT 1311
                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTATION UNDRER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEFAX: (609) 779-2400
TELEFAX: (609) 779-2400
TELEFAX: (609) 779-2400
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Single
              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-136-811-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 117
US-08-219-842-62/c
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GENERAL INFORMATION:

APPLICANE: Van Tol, Hubert H.M.
APPLICANE: Civelli, Olivier 1711.

TITLE OF INVENTION: A No. 522265el Human Dopamine Receptor and Uses
TITLE OF INVENTION: A No. 522265el Human Dopamine Receptor and Uses
CORRESPONDENCE 22
CORRESPONDENCE Allegrati & Witcoff Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
CITY: Chicago
CITY: Chicago
COMPUTER: 1011nois
COMPUTER: 108A
ZIP: 60606
COMPUTER: EADARLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
COMPUTER: 1BM PC challe
COMPUTER: 1BM PC compatible
COMPUTER: 1BM PC comp
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Patent No. 551039
GENERAL INFORMATION:
APPLICANT: Clarence Frank
TITLE OF INVENTION: Oligonucleotide Interference with
TITLE OF INVENTION: Oligonucleotide Interference with
TITLE OF INVENTION: Multidrug Resistance
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Indels
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ZIP: 08002
COMPUTER READALLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PS/2
COMPUTER: DS SOFTWARE: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
FILING DATE: HEREWITH
CLASSIFICATION: 514
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear;
; MOLECULE TYPE: DNA (genomic)
US-07-626-618A-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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COUNTRY: U
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US-08-136-811-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 62, Application US/08219842

Sequence 62, Application US/08219842

Patent No. 5565323

GENERAL INFORMATION:
APPLICANT: Barker, W. D.
APPLICANT: Herrnstadt, Corinna
TITLE OF INVENTION: Diagnostic and Therapeutic Compositions
TITLE OF INVENTION: for Alzheimer's Disease
NUMBER OF SEQUENCES: 95
CORRESPONDENCE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                    0
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Query Match 0.9%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 1.9e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Bloppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMFTARE: BATEN: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/219,842
FILING DATE: 30-MAR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INPORMATION:
NAME: Campbell, Cathryn A.
REFERENCE/DOCKET NUMBER: P-AG 9504
TELECOMPUNICATION INPORMATION:
TELECOMPUNICATION INFORMATION:
TELEFRANCE/DOCKET NUMBER: 335-9001
TELEFRANCE/DOCKET NUMBER: B-AG
TELEFRANCE/DOCKET NU
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Kofod, Lene V.
Kauppinen, Markus S.
Christgau, Stephan
Heldt-Hansen, Hans P.
Dalboge, Henrik
Andersen, Lene N.
Si, Joan Q.
Jacobson, Tina
Munk, Niels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 35, Application US/08507431
Patent No. 5693518
GENERAL INFORMATION:
APPLICANT: Kofod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Christgau, Stephan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 10:
SEGUIENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 120
US-08-507-431-35/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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US-08-333-977-10/C
is Gaquence 10, Application US/08333977
is Sequence 10, Application US/08333977
is Sequence 10, Application US/08333977
is Sequence 10, Application US/08333977
is APPLICANT: Van TO1, Hubert H.M.
APPLICANT: Civelli, Olivier
ITILE OF INVENTION: A No. 5594108el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
                                                                                                                         Sequence 95, Application US/08219842

Retent No. 5565323
GENERAL INVENTION:
GENERAL INVENTION:
APPLICANT Parker, W. D.
APPLICANT: Herrnstadt, Corinna
TITLE OF INVENTION: Diagnostic and Therapeutic Compositions
TITLE OF INVENTION: for Alzheimer's Disease
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Indels
                                                                                                                                                                                                                                                                                         ADDRESSER: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
GITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               656 GGCTTCGACTGGGTGTACT 674
656 GGCTTCGACTGGGTGTACT 674
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 GGCTTCAACCGGGAGTACT 20
                                   19 GGCTTCAACCGGGAGTACT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                           RESULT 118
US-08-219-842-95
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ADDRESSEE: No. 56935180 No. 5693518disk of No. 5693518th America, Inc. STREET: 405 Lexington Avenue, 64th Floor CITY: New York STATE: New York COUNTRY: United States of America ZIP: 10174-6401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ...unk, Niels
...erufCANT: Mullertz, Anette
TITLE OF INVENTION: BNZYMES WITH XYLANASE ACTIVITY FROM
TITLE OF INVENTION: ASPERGILLUS ACULEATUS
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5693R10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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COMPUTER: IBM PC COMPAILLLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTAMER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PILING DATE: 03-NOV-1994
FILING DATE: 03-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/626,618
FILING DATE: 7 DEC 1990
ATYORNEY/AGENT INFORMATION:
FILING DATE: 7 DEC 1990
ATYORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 90,1092
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: 312-115-1234
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3;
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656 GGCTTCGACTGGGTGTACT 674
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Matches 16, Conservative
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US-08-451-096-95
                                                                                                                             RESULT 122
US-08-451-096-95
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Sequence 62, Application US/08451096

Sequence 62, Application US/08451096

Patent NO. 5760205

PAPLICANT: Parker, W. D.

APPLICANT: Parker, W. D.

TILLE OF INVENTION: for Alzheimer's Disease

NUMBER OF SEQUENCES: 95

NUMBER OF SEQUENCES: 95

STREET: 4370 La Jolla Village Drive, Suite 700

CITY: San Diego

STREET: California

COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.9%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 1.9e+02; Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZDP. 32122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER. IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE:
                   NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 3954.204-US
TELEPHONE: 212-867-0123
TELEPHONE: 212-867-0123
TELEFAX: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTER.STICS:
LENGTH: 20 base pairs
LENGTH: 20 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/219,842
FILING DATE: 30-MAR-1994
ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-AG 9504
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-901
TELEPAX: (619) 535-901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1373 GGCGCCGCCACAGTAG 1391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 decedecedecedecenas 2
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear / MOLECULE TYPE: CDNA US-08-507-431-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-451-096-62
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Gaps
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Patent No. 576026

GENERAL INFORMATION:
PAPPLICANT:
PAPPLICATION:
OF INVENTION:
OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 123
US-08-385-770-23
is Sequence 23, Application US/08835770
is Patent No. 5801154
is GENERAL INFORMATION:
is APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
APPLICANT: and Nicholas M. Dean
if TITLE OF INVENTION: Resistance-Associated Protein
NUMBER OF SEQUENCES: 28
is CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
is STREET: 210 Lake Drive Bast, Suite 201
is CITY:
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ô
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19 GGCTTCAACCGGGAGTACT 1
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Gaps
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US-08-609-4438-45/c

Sequence 45, Application US/086094438

PERENEAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: ENIKSSON, ULF

APPLICANT: ALITALO, Karri

TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND

TITLE OF INVENTION: DNA CODING THEREFOR

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.

STREET: 1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                         .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPRAING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin PC-DOS/MS-DOS
SOFTWARE: Patentin R-LOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,443B
FILING APPLICATION 1435
PRIOR APPLICATION NUMBER: US/08/397,651
FILING APPLICATION NUMBER: US/08/397,651
PRIOR APPLICATION NUMBER: US/08/469,427
FILING APPLICATION NUMBER: US/08/469,063
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REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979CP4
TELECOMMUNICATION INFORMATION:
TELEPRAN: (202) 628-884
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1293 GCCTGGCGCACGCGCTCCT 1311
REGISTRATION NUMBER: 32,257
REFERENCE/OCCET NUMBER: ISPH.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEPHONE: (609) 779-2400
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 decadecreaceceraci 19
                                                                                                                                                                                                    i LENGTH: 20
; TYPE: Nucleic Acid
; STANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI SENSE: Yes
US-08-628-731-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
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0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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US-06-628-731-23

Sequence 23, Application US/08628731

Patent No. 5807838

GENERAL INFORMATION:

APPLICANT: Baracchini, Jr., Edgardo and Bennett,
APPLICANT: Glarence Frank

TITLE OF INVENTION: Oligonuclectide Interference with
TITLE OF INVENTION: Multidrug Resistance
NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREE: NJ

COUNTY: Cherry Hill
STREE: NJ

COUNTY: USA

I CONTY: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IMP PS/2

COMPUTER: WARDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/628,731
        COUNTRY: USA
ZIP: 08002
ZUP: 08002
ZUP: 08002
ZUP: 08002
ZUP: 08002
ZUPUTER: 15M F0/2
COMPUTER: 15M F0/2
COMPUTER: 15M F0/2
COMPUTER: 15M F0/2
COMPUTER: 15M F0/2
SOFTWARE: WORDPERFET: 5.1
CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/835,770
FILING DATE: Herewith
CLASSIFICATION DATA: 804/36,811
FILING DATE: 10/18/93
PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: 12/257
FILING DATE: 10/18/93
FILING DATE: 10/18/93
FILING DATE: 10/18/93
FILING DATE: 10/18/93
FILING DATE: 04/16/96
ATTORNEY/AGENT INFORMATION: TELEPRAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 23: SEQUENCE CHARACTERISTICS: LENGTH: 20
TELEPRAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 23: SEQUENCE CHARACTERISTICS: LENGTH: 20
TELEPRAX: 609) 779-8488
INFORMATION FOR SEQ ID NO: 23: SEQUENCE CHARACTERISTICS: LENGTH: 20
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1293 GCCTGGCGCACGCGCTCCT 1311
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ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-835-770-23
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Query Match
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US-08-223-355-23/c
; Sequence 23, Application US/08223355
; Patent No. 585410
; GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J.
APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; APPLICANT: Daily, William J.
; TITLE OF INVENTION: Oligonucleoside Cleavage Compounds and TITLE OF INVENTION: Therapies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.9%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 1.9e+02; Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                            Query Match 0.9%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 1.9e+02; Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 126
US-08-488-940-12/C
i Sequence 12, Application US/08488940
i Petent No. 5884049
i CONTERAL INFORMATION: PLASMIN-RESISTANT STREPTOKINASE
INUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS: 3
ADDRESSEE: Fish & Richardson P.C.
STRET: 225 Franklin Street
CITY: Boston
STRET: 405
COUNTRY: USA
COUNTRY: USA
I COMPUTER READABLE FORM: PLOSO/MS-DOS
SOFTWARE: PROPEY disk
COMPUTER: PROPEY DISS
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
COMPUTER: PROPEY DISSE
CLASSIFICATION: S14
ATTORNEY/AGENT INFORMATION:
COMPUTER: PROPEY DISSE
CLASSIFICATION: PS14
ATTORNEY/AGENT INFORMATION:
COMPUTER: PROPEY DISSE
CLASSIFICATION: PS14
ATTORNEY/AGENT DISSE
CLASSIFICATION: PS14
ATTORNEY/AGENT DISSE
COMPUTER: PS14
AT
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TELEX: 200154
INPORMATION FOR SEG.
SEQUENCE CHARACTERISTICS:
LENGHH: 20 Base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                             19 cécáceracereseceses 1
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MOLECULE TYPE: DNA (genomic)
; MOLECULE TYPE: DNA (genomic)
US-08-609-443B-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-488-940-12
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WORRESTORICES 27

WORRESTORICE ADDRESS 27

WORRESTORICE ADDRESS 27

WORRESTORICE ADDRESS 27

COMPETER: CA ADDRESS 27

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Gaps
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Sequence 20, Application US/0889296A

Patent No. 5872242

GENERAL INFORMATION:

APPLICANT: Monia, B.P., Cowsert, L.M. and Mancharan, M.

TITLE OF INVENTION: Inhibition of ras
NUMBER OF SEQUENCES: 55

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201

CITY: Cherry Hill
STRIE: NJ

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.9%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 1.9e+02; Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                               Query Match

0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 08002
ZIP: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
COMPUTER: US ON THE STORE
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/889,296A
FILING DATE: Herewith
CLASSIFICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRICK APPLICATION NUMBER: PCT/US93/09346
FILING DATE: COCCODER 1, 1993
APPLICATION NUMBER: 958,134
FILING DATE: OCCODER 5, 1992
PRICK APPLICATION NUMBER: 958,134
FILING DATE: OCCODER 5, 1992
PRICK APPLICATION NUMBER: 08/007,996
FILING DATE: ADMINISTY ASTER INFORMATION: 18PERINGE APPLICATION NUMBER: 32,257
REPERENCE APPLICATION NUMBER: 32,257
REPERENCE COMMUNICATION INFORMATION: TELEPRONE (609) 779-6468
INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
LENGTH: MACHER ACIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1368 GCGGGGGGGGGGAG 1386
                                                                                                                                                                                                                                   816 ACCGCGTGCTGGCGGCGGA 834
                                                                                                                                                                                                                                                                                20 Accacerecresces
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
          ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-887-365-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-889-296A-20
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; Sequence 17, Application US/08887365
; Patent No. 5858760
; GENERAL INFORMATION:
APPLICANT: Dalboege, Henrik
APPLICANT: Kofod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Andersen, Lene N.
APPLICANT: Christgau, Srephan
APPLICANT: Andersen, Lene N.
APPLICANT: Andersen, Lene N.
APPLICANT: AN ENZYME WITH PECTIN LYASE ACTIVITY
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSES: No. 58587600 No. 5858760th America, Inc.
CITY: New York
STARE: New York
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CUMTRY: United States of America
CUMTRY: United States of America
ZIP: 10174-6401

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
SUBTWARE: Patentin Release #1.0, Version #1.30
SUBTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,365
FILING DATE: 02-UL-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/513,928
FILING DATE: 26-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: HATTINGTON Janes J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 3955.204-US
TELEPRAK: 212-867-0123
TELEPRAK: 212-867-0123
APPLICATION NUMBER: US/08/470,426B
FILING DATE: 06-UUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION: 536
PRIOR APPLICATION: DATA:
APPLICATION NUMBER: JP 2-153402
FILING DATE: 12-UUN-1990
ATTORNEY, AGENT INFORMATION:
NAME: Weilacher, Robert G.
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/59-47083.1
TELEPHONE: (202) 659-2811
TELEPHONE: (202) 659-2811
TELEPHONE: (202) 659-2811
TELEPHONE: (202) 659-1462
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPLECULE TYPE: DAN (Genomic)
US-08-470-4268-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 117 GGGACAGCTCGGAAGTCAT 135
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 129
US-08-887-365-17/c
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Sequence 48, Application US/08874186
Patent No. 5889885
GENERAL INFORMATION: David H-F.
APPLICANT: Teng, David H-F.
APPLICANT: Tevery III, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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Pred. No. 1.9e+02;
0; Mismatches 3; Indels
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                 COMPUTER READABLE FORM;

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: 18M FC compatible
COPERATING SYSTEM; FC-DOS/MS-DOS
SOFTWARE: WORDPEFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/848,840A
FILING DATE: 30-AFR-1997
CLASSIFICATION: 435
ARPLICATION NUMBER: 08/317,289
FILING DATE: 03-OCT-1994
APPLICATION NUMBER: 08/317,289
FILING DATE: 04-FEB-1997
APPLICATION NUMBER: 08/35,046
FILING DATE: 07-NOV-1994
PRICK APPLICATION NUMBER: 08/48,256
FILING DATE: 07-NOV-1994
PRICK APPLICATION NUMBER: 08/48,256
FILING DATE: 07-NOV-1995
PRICK APPLICATION NUMBER: 08/46,866
FILING DATE: 07-JUN-1995
PRICK APPLICATION NUMBER: 08/46,866
FILING DATE: 06-JUN-1995
PRICK APPLICATION NUMBER: 08/411,734
FILING DATE: 06-JUN-1995
PRICK APPLICATION NUMBER: 08/411,734
FILING DATE: 06-JUN-1995
PRICK APPLICATION NUMBER: 08/27,180
FILING DATE: 03-APR-1994
ATTORNEY, AGENT INFORMATION:
NAME: JOSEPH LUGG:
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: 13-APR-1994
ATTORNEY, AGENT INFORMATION:
NAME: JOSEPH NUMBER: 13-APR-1994
ATTORNEY, AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 13-APR-1994
ATTORNEY, AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 13-APR-1904
ATTORNEY, AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 13-APR-1904
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1368 GCGGGGGGGCGCCGCAG 1386
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INFORMATION FOR SEQ ID NO: 20:
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LENGTH: 20 bases
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Best Local Similarity 84.23
Matches 16; Conservative
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EDNESS: single
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                                                                   U.S.A.
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US-08-874-186-48
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US-08-848-8040A-20/c
Sequence 20, Application US/08848840A
Sequence 20, Application US/08848840A
Patent No. 5965722
GRNERAL INFORMATION:
TILE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
TILE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 33
COURSESPONDENCE ADDRESS:
ADDRESSEE: WOOGCOCK Washburn Kurtz Mackiewicz & No. 59657222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.9%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 1.9e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New York
COUNTRY: United States of America
ZID: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC COMPATIBLE
COMPUTER: PS PC-DCS/MS-DCS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,655A
FILING DATE: 30-U1y-1997
CLASSIFICATION NUMBER: US/08/902,655A
ATTORNEY/AGENT INFORMATION:
NAME: AGTIS, Cheryl T.
REGISTRATION NUMBER: 34,086
REFRENCE/DOCKET NUMBER: 3954.214-US
TELEBHONE: 212-867-0123
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INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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Best Local Similarity 84.2
Matches 16; Conservative
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STRANDEDNESS: single
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Query Match
Best Local Similarity
Matches 16; Conserva
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Fatent No. 6030837
GENERAL INFORMATION:
APPLICANT: ROBERT WACKAY
APPLICANT: Lex M. COWSETT
TITLE OF INVENTION: ANTIENSE MODULATION OF PEPCK-MITOCHONDRIAL EXPRESSION
FILLE REPRESENCE: RTS-0073
CURRENT APPLICATION NUMBER: US/09/366,257
CURRENT PILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 47
LENGTH: 20
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NUMBER OF SEQUENCES:

NUMBER OF SEQUENCES:

ORRESPONDENCE ADDRESS:

ADDRESSE:

CITY:

CITY:

ASSTINCT

ADDRESSE:

ADDRESS
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- OTHER INFORMATION: Antisense Oligonucleotide
US-09-366-257-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          24884-121392-01
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,482
FILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-12135
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DSCRIPTION: /desc = "Primer."
US-08-874-186-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            636 CCCGCCTGGCGGTGGAGGC 654
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 40. SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        202-962-8300
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US-09-366-257-27
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- (19-16-622-3)C

- (19-66-11-6-622-3)C

- (19-66-11-622-3)C

- (19-66-11-622-3)C

- (19-66-11-
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Gaps
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Patent No. 6111860
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT PILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3; Indels
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US-09-280-805-42/c
; Sequence 42, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Wiraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2;
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.9%; Score 14.2; DB 1;
84.2%; Pred. No. 1.9e+02;
tive 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match

0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-56
PEILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
PRIOR APPLICATION NUMBER:
PREFERENCE/DOCKET NUMBER:
PREFEREN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1368 GCGGGGGGGCGCCAG 1386
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 84.2<sup>3</sup>
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 138
US-09-435-296-56/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-128-494-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               a
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Sequence 20, Application US/09128494

Sequence 20, Application US/09128494

Patent No. 61178494

GENERAL INFORMATION:

APPLICANT Monia, B.P., Cowsert, L.M. and Manoharan, M. TITLE OF INVENTION: Antisense Oligonucleotide

TITLE OF INVENTION: Inhibition of ras

NUMBER OF SEQUENCES: 55

CORRESPONDENCE SES:

ADDRESSEE: Jane Massey Licata

STREET: 210 Lake Drive East, Suite 201

CITY: Cherry Hill

STATE: NJ

CONTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.9%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 1.9e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERFECT 5.1
                                                                                                                                                    ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: PENTIUM
                                                                                                                                                                                                                            MEDIUM TITE:

COMPUTER: PENTIUM
OPERATING SYSTEM:
WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PLING DATE: October 31, 1997
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/ABATION:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/ABATION:
ATTORNEY/ABATION:
TELEMONICATION INFORMATION:
TELEMONICATION INFORMATION:
TELEMONE: 609-310-1454
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDENDESS: Single
TOPOLOGY: Linear

WE-08-961-469A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,494
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/889,296
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/881,296
FILING DATE:
APPLICATION NUMBER: 08/411,734
   ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1368 GCGGGGGGGGGGCAG 1386
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                                                                                                                                   USA
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STREET: 405 Lexington Avenue, 64th Floor
STREET: ANW YORK
STATE: New York
COUNTRY: United States of America
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/219,277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
DNA AMPLIFICATION
: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.9%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 1.96+02;
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                                                                                                                                                                                                                                                 APPLICANT: Dalboge, Henrik
APPLICANT: Andersen, Lene N.
APPLICANT: Andersen, Lene N.
APPLICANT: Jacobson, Tina
APPLICANT: Munk, Niels
APPLICANT: Munk, Niels
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
TITLE OF INVENTION: ASPERGILLUS ACULEATUS
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSFFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/116,622
FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: AGIST ATTORNEY AGENT
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 3954.224-US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRONE: 212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-983-466-29
; Sequence 29, Application US/08983466
; Patent No. 6207372
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: UNIVERSAL PRIME
; TITLE OF INVENTION: DAY AMPLIFICATI
; NUMBER OF SEQUENCES: 95
                                                                                                                                                        Kofod, Lene V.
Kauppinen, Markus S.
Christgau, Stephan
Heldt-Hansen, Hans P.
Dalboge, Henrik
Andersen, Lene N.
Si, Joan Q.
Jacobson, Tina
Munk, Niels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1373 GGCGGCGGCGCAGAGTAG 1391
                                                                                         Sequence 35, Application US/09219277
Patent No. 6197564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 GGCGGCGGGCAGCGAAG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.9
Best Local Similarity 84.2
Matches 16, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic aci
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , MOLECULE TYPE:
US-09-219-277-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 142
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US-09-517-584A-19/c
; Sequence 19, Application US/09517584A
; Patent No. 6187587
; Patent No. 6187587
; APPLICANT:
    APPLICANT: Lex M. Cowsert
    APPLICANT: Lex M. Cowsert
    APPLICANT: Lex M. Cowsert
    TITLE OF INVENTION:
    PILE REPREBICE:
    CURRENT PLING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 19
; LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ò
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84.2%; Pred. No. 1.9e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.9%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 1.9e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                         COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION:
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1123 CCGCCGGCTCCTGCCCGCC 1141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 84.2
Matches 16; Conservative
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Best Local Similarity 84.2
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-42
                                                                                                                 STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
0.9%; Score 14.2; DB 1; Length 2
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                         COUNTRY:
21P: 94306
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1EM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/983,466
TLING DATE: 10-PEB-1998
TLING DATE: 10-PEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                           APPLICATION NAMES 1998
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PLING DATE: 07-JUNE-1995
FILING APPLICATION DATA:
APPLICATION NAMES: 06-JUNE-1996
ATTORNEY/ABORT INFORMATION:
NAME: RAG-VERICE', BATCHAR REGISTRATION NUMBER: 32,750
REGISTRATION NUMBER: 32,750
REGISTRATION NUMBER: 32,750
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1896-1900:
                  ADDRESSEE: RAE-VENTER LAW GROUP
STREET: 260 Sheridan Ave., Ste. 440
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kofod, Lene V.
Kauppinen, Markus S.
Christgau, Stephan
Heldt-Hansen, Hans P.
Dalboge, Henrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1344 GCGGGACAGCGGCGCGG 1362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 35, Application US/09599661
Patent No. 6228630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFRAN. (650) 328-477
INFORMATION FOR SEQ ID NO. 29
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Kofod,
APPLICANT: Kauppir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 143
US-09-599-661-35/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-983-466-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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Sequence 13, Application US/09467082;
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. COWSERT
TITLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
TITLE REPERENCE: RTS-0088
CURRENT APPLICATION NUMBER: US/09/467,082
CURRENT RILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 13
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brett P. Monia APPLICANT: Brett P. Cowsert TILLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION FILE REFERENCE: RIS-0088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: PPLICATION NUMBER: US/09/599,661 FILING DATE: CLASSIFCATION NATA: PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: 09/116,622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match

0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide US-09-467-082-13
                                                                                                                                                                                                                                                         FILING DATE:
ATJORNEY/AGENT INPORMATION:
MAME: Agris, Cheryl H.
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 3954.224-US
TELECHONNINICATION INPORMATION:
TELECHONE: 212-867-0123
TELEFAX: 212-867-0123
                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 145
US-09-467-082-22
Sequence 22, Application US/09467082
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1365 ACCGCGGGGGCGCGCGG 1383
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 ATCGCGGCGGCGGCCG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 35: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 GGCGGCGGGGCAGCGAAG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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Sequence 20, Application US/09248386

Sequence 20, Application US/09248386

Sequence 20, Application US/09248386

Sequence 20, Application US/09248386

Septicant No. 5359124

APPLICANT: Sugary

APPLICANT: Sanghvi, Yogesh S

APPLICANT: Sanghvi, Yogesh S

APPLICANT: Cock, Phillip D

APPLICANT: Cock, Phillip D

APPLICANT: Cock, Phillip D

APPLICANT: Antisense Inhibition of RAS Gene with Chimeric and

TITLE OF INVENTION: Alternating Oligonucleotides

FILE REPERENT APPLICATION NUMBER: US/09/248,386

CURRENT FILING DATE: 1999-01-12

EARLIER APPLICATION NUMBER: 06/443

EARLIER PILING DATE: 1999-01-12

EARLIER PILING DATE: 1999-01-14-30

EARLIER PILING DATE: 1999-01-16-14

EARLIER PILING DATE: 1999-01-16-14

EARLIER PILING DATE: 1991-01-16-14

EARLIER PILING DATE: 1991-01-16-14

EARLIER PILING DATE: 1992-10-05

EARLIER APPLICATION NUMBER: 07/715,196

EARLIER PILING DATE: 1992-10-05

EARLIER PILING DATE: 1992-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14.2; DB 1; Length 20;
Pred. No. 1.9e+02;
0; Mismatches 3; Indels
                                                                                OUREAUTING SYSTEM:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,896
FILING DATE: 06-MAY-1997
PRIOR APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
PRIOR APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
PRIOR APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
PRIOR APPLICATION NUMBER: US/08/69,427
PRIOR APPLICATION NUMBER: US/08/69,427
PRIOR APPLICATION NUMBER: US/08/69,063
FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, JOSEPH D
REGISTRATION NUMBER: 26,269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 1064/41979CP4
TELECOMMUTICATION INPORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INPORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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FILING DATE: 1993-01-21
APPLICATION NUMBER: 07/703,619
   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1331 CGCACGGACCGCGGGGG 1349
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MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-248-386-20/c
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US-09-326-186B-154/c

is Sequence 154, Application US/09326186B

j Sequence 154, Application US/09326186B

j Sequence 154, Application US/09326186B

j GENERAL INFORMATION:
    APPLICANT: Bennett, Clarence Frank
    APPLICANT: Usinetty A.
    TITLE OF INVENTION: Oligomucleotide Compositions and Methods for the TITLE OF INVENTION: Modulation of the Expression of B7 Protein
    FILE REPERENCE: ISPH-0376
    CURRENT APPLICATION NUMBER: US/09/326,186B
    CURRENT FILING DATE: 1999-06-04
    FRIOR APPLICATION NUMBER: 08/777,266
    REACH APPLICATION NUMBER: 08/777,266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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Patent No. 6331301
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BRIKESON, ULF
APPLICANT: ALITALO, Kari
APPLICANT: ALITALO, Kari
APPLICANT: BAJUSOLA, Kari
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DAA CODING THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
STRRET: 1200 G Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                  Query Match
0.9%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. 1.9e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Antisense Oligonucleotide US-09-467-082-22
CURRENT APPLICATION NUMBER: US/09/467,082
CURRENT FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 22
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1376 GGCGCCGCAGAGTAGCCC 1394
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                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; FEATURE;
; OTHER INFORMATION: Synthetic
US-09-326-186B-154
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COMPUTER READABLE FORM:
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US-08-851-896-45/c
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                                                                                                                                                                                                                                FEATURE:
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Gaps

54

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Sequence 23, Application US/09907843
Patent No. 6440739
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOWA-ASSOCIATED ONCOGENE-2 EXPRESSION
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ 1D NOS: 87
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US-09-30-663-12/c
| Sequence 102 Application US/09920663
| Patent No. 642621
| Patent No. 642621
| APPLICANT: Donna T. Ward
| APPLICANT: Donna T. Ward
| TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION FILE REPRENCE: R2-0233
| CURRENT APPLICATION NUMBER: US/09/920,663
| CURRENT APPLICATION NUMBER: US/09/920,663
| WINDER OF SEQ ID NOS: 49
| SEQ ID NO 12
GENERAL INFORMATION:
APPLICANT: Partick Allen Marcotte
APPLICANT: Partick Allen Marcotte
APPLICANT: Lex M. COMBETT
TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSIN EXPRESSION
FILE REPRENCE: RTS-0090
CURRENT APPLICATION NUMBER: US/09/742,703
CURRENT FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 49
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 14.2; DB 1; Length 2
Pred. No. 1.9e+02;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.9%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 1.9e+02; Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                          ) FEATURE:
) OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:

// OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-09-907-843-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        808 CCCCGGGGACCGCGTGCTG 826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                800 GACCTGAGCCCCGGGGACC 818
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Best Local Similarity 84.2%;
Matches 16; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 GGCCTGAGCGCCCGGGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-907-843-23
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LENGTH: 20
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APPLICANT: Brenda F. Baker
APPLICANT: Brenda F. Baker
APPLICANT: G. Trank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
FILE REFERENCE: RTS-0149
CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ô
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
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Pred. No. 1.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-34
                                                                           EARLIER FILING DATE: 1987-04-20
BARLIER APPLICATION NUMBER: 08/174,379
EARLIER FILING DATE: 1993-12-28
BARLIER FILING DATE: 1993-01-21
BARLIER FILING DATE: 1993-03-30
BARLIER FILING DATE: 1993-03-30
BARLIER FILING DATE: 1994-09-02
BARLIER FILING DATE: 1994-09-02
BARLIER APPLICATION NUMBER: 08/395,168
EARLIER APPLICATION NUMBER: 08/395,168
EARLIER FILING DATE: 1995-02-27
BARLIER FILING DATE: 1995-02-27
BARLIER FILING DATE: 1995-02-27
BARLIER FILING DATE: 1995-06-18
BARLIER FILING DATE: 1991-12-24
BARLIER FILING DATE: 1991-06-18
SAFURER FILING DATE: 1991-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-561-497-34
; Sequence 34, Application US/09561497
; Patent No. 6372433
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US-09-742-703-32/c
'Sequence 32, Application US/09742703
'Patent No. 642543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1368 GCGGGGGCGCGCCAG 1386
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Best Local Similarity 84.2
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
Matches 16; Conserv
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RESULT 155
US-09-922-146-25/c
; Sequence 25, Application US/09922146
; Sequence 25, Application US/09922146
; Patent No. 6566133
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsert
; APPLICANT: Lex Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
; FILE REFERENCE: RTS-025
; CURRENT APPLICATION NUMBER: US/09/922,146
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 50, Application US/0858584B

Sequence 50, Application US/0858684B

Patent No. 5877021

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Garvis, Thale
APPLICANT: Jarvis, Thale
APPLICANT: Mawsigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: 633 West Fifth Street
STREET: 631 West Fifth Street
STREET: California
COUNTRY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 20071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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0.9%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
JOTHER INFORMATION: Antisense Oligonucleotide
US-09-922-146-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: atorage
COMPUTER: BENOGRAPHE
OPERATING SYSTEM: LBM P.C. DOS 5.0
SOFTWARE: FARENSED VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIGN APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: JULY 7, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1298 GCGCACGCGCTCCTGGCTG 1316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFRENCE/DOCKET NUMBER: 218,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 gradacacacacaca 2
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                       SEQ ID NO 25
LENGTH: 20
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Fatent No. 6503754
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REPERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 11
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kundu, Gopal
APPLICANT: Rundu, Gopal
TITLE OF INVENTION: Methods and Compositions for Treatment of Restenosis
TITLE OF INVENTION: Methods and Compositions for Treatment of Restenosis
FILE REPERBORS: NIH-05047
CURRENT APPLICATION NUMBER: US/09/485,077A
CURRENT APPLICATION NUMBER: PCT/US98/16569
PRIOR PELING DATE: 1998-07-08
PRIOR PELING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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Score 14.2; DB 1; Length 20;
Pred. No. 1.9e+02;
0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                   Sequence 2, Application US/09485077A
Patent No. 6458590
GENERAL INFORMATION:
APPLICANT: Mukherjee, Anil
                                                                                             150 AGAIGCIGCIGCIGCGAG 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                548 CACCACTCAGAGGAGTCTC 566
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                                                                                                                                         1 AGTIGCIGCIGCIGAG 19
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
Query Match
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
OTHER INFORMATION: PCR Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Synthetic US-09-485-077A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 84.2
Matches 16; Conservative
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LENGTH: 20
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Query Match
Best Local Similarity
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APPLICANT: Monia, Brett P.

APPLICANT: Garded, William A.

TITLE OF INVENTION: Antieense Modulation of Focal Adhesion Kinase

TITLE OF INVENTION: Expression

TITLE OF INVENTION: Expression

FILE REFERENCE: ISPH-0389

CURRENT APPLICATION NUMBER: US/09/377,310B

CURRENT FILING DATE: 1999-08-19

NUMBER OF SEQ ID NOS: 43

SEG ID NO 37

LENGTH: 15
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US-09-018-073-50

i Sequence 50. Application US/09038073

j Patent No. 6194150

i GENERAL INFORMATION:
APPLICANT: StinchComb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAPT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Pifth Street
STREET: 631 West Pifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.9%; Score 14; DB 1; Length 15; 100.0%; Pred. No. 93; tive 0; Mismatches 0; Indels
                                                                                                                                         Query Match 0.9%; Score 14; DB 1; Length 15; Best Local Similarity 64.3%; Pred. No. 93; Matches 9; Conservative 5; Mismatches 0; Indels
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ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTHER INFORMATION: antisense sequence US-09-377-310-37
                                                                                                                                                                                                                                                                                                                                                                         US-09-377-310-37
; Sequence 37, Application US/09377310B
; Patent No. 6133031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  191 TCCTCGCTGCTGGT 204
                                                                                                                                                                                                                                       901 GGTCTTCTACGTGA 914
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) LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-6848-50
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STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 44114
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBW PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/627,254C
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGANT INFORMATION:
NAME: GOLICK, MATY E
REGISTRATION NUMBER: 34,829
REFERRINGFOCKET WINDRER: 18525/00107
TELECOMMUNICATION INFORMATION:
TELEPRAX: (216) 622-8200
ITELERAX: (216) 241-0816
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
LENGTH: LENGTH: Calabare pairs
LENGTH: LENGTH: Calabare pairs
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US-08-627-254C-12/C
Sequence 12, Application US/08627254C
Fatent No. 58652254C
FATENAL INFORMATION:
APPLICANT: Kniss, Douglas A.
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Griwold LLP
STREET: 800 Superior Avenue
CITY:
Cleveland
STREET: Ohio
COUNTRY: USA
APPLICATION NUMBER: US/09/038,073
                      FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
                                                                            FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: WATDLES, RICHARD ALGARDERS: 327
REFERENCE/DOCKET NUMBER: 218/C
TELECHOMINICATION INFORMATION:
TELECHOME: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (713) 955-0440
INFORMATION FOR SECION OF SECUENCE CHARACTERISTICS:
LENGTH: 15 DASSE PAIRS
LENGTH: 15 DASSE PAIRS
LENGTH: 15 DASSE PAIRS
LENGTH: 15 DASSE PAIRS
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
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APPLICANT: Kwagh, Jae-Gyu
APPLICANT: Mackin, John J.
APPLICANT: Mitsis, Paul G.
APPLICANT: Ulmer, Kevin M.
TITLE OF INVENTION: METHOD FOR SEQUENCING AND CHARACTERIZING POLYMERIC
TITLE OF INVENTION: BIOMOLECULES USING APTAMERS AND A METHOD FOR PRODUCING
TITLE OF INVENTION: APTAMERS
TITLE OF INVENTION: 7B-(4-CARBOXYBUTANAMIDE) CE PHALOS PORI NACYLAS E AND TITLE OF INVENTION: PURIFYING SAID ENZYME IN A SINGLE CHROMATGRAPHIC STEP FILE REFERENCE: U-011559-6 CURRENT APPLICATION NUMBER: US/08/981,321A CURRENT APPLICATION NUMBER: US/08/981,321A CURRENT FILING DATE: 1996-08-13 EARLIER APPLICATION NUMBER: PCT/ES97/00098 EARLIER FILING DATE: 1997-04-19 BARLIER FILING DATE: 1996-04-19 NUMBER OF SEQ ID NOS: 8 SOFTWARE: PALENT NOW. 2.0 SEQ ID NO 6 LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: misc_feature
LOCATION: 1...19
OTHER INFORMATION: sequence
OTHER INFORMATION: sequence
OTHER INFORMATION: description of Artificial Sequence: n is any one of OTHER INFORMATION: description of Artificial Sequence of the information of any one of OTHER INFORMATION: g, a, t or c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic oligonucleotide from gla gene modified OTHER INFORMATION: to include a Sma. I restriction site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Gla gene modified to encode six histidines US-08-981-321-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       y Match 0.9%; Score 14; DB 1; Length 19; Local Similarity 73.7%; Pred. No. 1.8e+02; hes 14; Conservative 2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.9%; Score 14; DB 1; Length 19;
100.0%; Pred. No. 1.8e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         THILE REFERENCE: PL/ZCIP
CURRENT APPLICATION NUMBER: US/09/578,634A
CURRENT FILING DATE: 2000-05-25
PRIOR PILING DATE: 1999-05-25
NUMBER OF SEQ ID NOS: 90
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 19
TYPE: DATA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/09578634A Patent No. 6515120
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| CGGRGGAGGNACGGRGGAG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            748 CCCGGGCTCGGCCA 761
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Matches 14; Conservative
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US-09-578-634A-1
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US-09-578-634A-1
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                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: VALLARI, ANADRUZELA S.
APPLICANT: HACKETT, JOHN JR.
APPLICANT: HACKETT, JOHN JR.
APPLICANT: WALLENT K.
APPLICANT: VARILERIT K.
APPLICANT: VARILERIT K.
APPLICANT: SCOLDEN, ELIZABETH A.
APPLICANT: BRENNAN, CATHERINE A.
APPLICANT: BRENNAN, CATHERINE A.
APPLICANT: BRENNAN, CATHERINE A.
APPLICANT: BRENNAN CATHERINE A.
APPLICANT: BRENNAN CATHERINE A.
APPLICANT: BRENTON: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATION NUMBER OF SEQUENCES. 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Dark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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           Gaps
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       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: 108A

ZIP: 60064-3500

COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB

COMPUTER: IBM Compatible

COMPUTER: IBM Compatible

COMPRATING SYSTEM:
MS-DOS (Windows 95)

SOFTWARE: Microsoft Word (ASCII format output)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,129A

FILING DATE: 15-AUG-1997

CLASSIPICATION NUMBER: US/08/912,129A

FILING DATE:
ATFORMEY/AGBNT INFORMATION:
NAME: DANCKER ANGRES M.

REGISTRATION NUMBER: 32,652

RESTREMECAPMONINGATION INFORMATION:
TELECHOME: 847.937-9803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 161
US-08-981-321-6/c
is Sequence 6, Application US/08981321A
is Patent No. 6146871
igeneral information:
igeneral information:
igeneral information:
igeneral invention:
igeneral 
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   Mismatches
                                                                                                                                                                                                                                                  RESULT 160
WS-08-912-129A-77/c
; Sequence 77, Application US/08912129A
; Patent No. 5922533
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                                                                     1132 CCTGCCCGCCGCTG 1145
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SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
       14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 847-938-2623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Abbott Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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US-08-912-129A-77
       Matches
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Tue Dec 23 16:39:03 2003

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OTHER INFORMATION: antisense sequence
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Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 166
US-09-484-617-41
           ; US-09-377-310-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 41
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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| Sequence 17, Application US/09377310B
| Fatent No. 6133031
| GENERAL INFORMATION:
| APPLICANT: Monia, Brett P.
| APPLICANT: Gaarde, William A.
| TITLE OF INVENTION: Expression
| TITLE OF INVENTION: Expression
| TITLE OF INVENTION: Expression
| TILE REFERENCE: ISPH-0389
| CURRENT APPLICATION UNDER: US/09/377,310B
| CURRENT FILING DATE: 1999-08-19
| NUMBER OF SEQ ID NOS: 43
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 17
US-08-837-201C-5/C
Sequence 5, Application US/08837201C
Parent No. 598558
GENERAL INFORMATION:
APPLICANT: Micholas M. Dean; Robert A. McKay; Loren J. APPLICANT: Micholas M. Dean; Robert A. McKay; Loren J. TITLE OF INVENTION: Artisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCES: 139
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mailton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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Pred. No. 2e+02;
0; Mismatches 0; Indels
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ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
CAMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: 1BM PS/2
COPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: APTIL 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION TOWNER:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 1257
REFERENCE/DOCKET NUMBER: 1257
REFERENCE/DOCKET NUMBER: 15PH-0209
TELECPHONE: (609) 810-1515
TELECHONICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEPHONE: (609) 810-1515
TELEPHONE: CHARACTERISTICS:
LENGTH: 20
THENGTH: 20
THENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match

Best Local Similarity 100.0%; P:
Matches 14; Conservative 0;
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1351 CAGCGGCGCGGGG 1364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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                                                 Gaps
                                                                                                                                                                                                    RESULT 165
US-09-428-696-57/c
; Sequence 57, Application US/09428696
; Patent No. 6165789
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
; FILE REPRESENCE: RFS-0111.
; CURRENT APPLICATION NUMBER: US/09/428,696
; CURRENT PILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 57
; LENGTH: 20
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Patent No. 6303374
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
FILE REFERENCE: RTS-0103
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
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100.0%; Pred. No. 2e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
Query Match 0.9%; Score 14; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 2e+02; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
0.9%; Score 14; DB 1; Le:
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
CRGANISM: Artificial Sequence
FEATURE:
CHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-484-617-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 167
US-09-364-416-5/c
; Sequence 5, Application US/09364116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1442 GGCATCCACTGGTA 1455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               642 TGGCGGTGGAGGCC 655
                                                                                              191 TCCTCGCTGCTGGT 204
                                                                                                                                           3 recreécréeres 16
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NAME/KEY: primer_bind
LOCATION: 1..20
1 OTHER INFORMATION: downstream amplification primer 99-15296 for SEQ 544, in complemer US-09-422-978-8409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 17;
                                                                                                                                                                                                         Query Match 0.9%; Score 14; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 2e+02; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 457/C
; Sequence 457/Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Mitsuhashi, Masato
APPLICANT: Mitsuhashi, Masato
APPLICANT: Mitsuhashi, Masato
APPLICANT: Moopur Sequence: 726
CORRESPONDENCES: 726
ADDRESSES: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: ACCUMPRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION 1435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman Daniel E. REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPRAS: 714-760-0404
TELEPRAS: 714-760-0502
INFORMATION FOR SEQ ID NO: 457:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 Dage pairs
LENGTH: 17 Dage pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             641 CTGGCGGTGGAGGCCGG 657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CDNA to mRNA
                                                                                                                                                                                                                                                                                                                 705 TGAAAGCAGAGAAC 718
                                                                                                                                                                                                                                                                                                                                                                      14 TGAAAGCAGAGAAC 1
     TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nucleic acic
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TOPOLOGY: lin
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US-08-379-078-457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                         FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 170
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US-09-422-978-8409/c

i Gequence 4409, Application US/09422978

patent No. 6537751

i GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Cohen, Daniel

APPLICANT: Chen, Daniel

APPLICANT: Chenakov, Ilya

TITLE OF INVENTION: Bialledic markers for use in constructing a high density...

TITLE OF INVENTION: Bialledic markers for use in constructing a high density...

FILE OF INVENTION: Bialledic markers for use in constructing a high density...

FILE OF INVENTION: Bialledic markers for use in constructing a high density...

FILE REFERENCE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/299,850

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1998-10-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1999-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8409

LENGTH: 20
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Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

0.9%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 2e+02;

Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIF: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
COMPUTER: MORDERECT 6.1
CURRENT APPLICATION NUMBER: US/09/364,416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US/08/837,201
FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jame Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1414
INFORMATION FOR SEO ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1351 CAGCGGCGGCGGGG 1364
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-364-416-5
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Length 17;
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0.9%; Score 13.8; DB 1; Length 1.
Best Local Similarity 88.2%; Pred. No. 1.46+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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US-07-974-409C-11/c
Sequence 11, Application US/07974409C
Sequence 11, Application US/07974409C
SENERAL INFORMATION:
APPLICANT: Aftitaya, Tatsuo
APPLICANT: Copper, Allan
TITLE OF INVENTION: METHOD AND REAGENT
TITLE OF INVENTION: FOR METHOD AND REAGENT
TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
NUMBER OF SEQUENCES: 457
CORRESPONDENCE ADDRESSE:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
STATE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: 020 Nowport Deach
CITY: Nowport Beach
CITY: USA
COMPUTER: CA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EMPORT OF DEACH DEACH
COMPUTER: DATE: PatentIn Release #1.0, Version #1.25
COMPUTER: PatentIn Release #1.0, Version #1.25
COMPUTER: DATE: 12-NOV-1992
CLEASIFICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLEASIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REFERENCE/DOCKET NUMBER: HITACHI.006CP2
TELEPHONE: 714-760-0404
TELEPHONE: 714-760-0404
SEQUENCE CHARACTERISTICS: 15 NOW-1992
CLEBRACTION FOR SEQ ID NO: 71:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: PREENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: ALLman, Daniel E.
REGISTRATION NUMBER: 34,115
REPRENCE/DOCKET NUMBER: 34,115
REPRENCE/DOCKET NUMBER: HITACHI.006CP2
TELEPHONE: 714-760-0404
INFORMATION FOR SEO ID NO: 70:
SEQUENCE CHARACTERISTICS:
LEASTH: 17
LEMOTH: 17
LEMOTH: 17
LEMOTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECTLE TYPE: CDNA to MRNA
HYPOTHETICAL: NO
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LENGTH: 17
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HYPOTHETICAL: I ANTI-SENSE: NO US-07-974-409C-70
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Sequence 70, Application US/07974409C

Sequence 70, Application US/07974409C

Patent No. 6300058

APPLICANT: Akitaya, Tatsuo
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper. Allan

TITLE OF INVENTION: METHOD AND REACENT

TITLE OF INVENTION: POR MEASURING MESSENGER RNA

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson, and Bear
                    Sequence 458, Application US/08379078
Fatent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSES:
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSE: Knobbe, Martens, Olson, and Bear STRRET: 620 Newport Center Dr. Sixteenth Floor CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
APPLICATION NUMBER: US/08/379,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY AGENT INFORMALLO...
ATTORNEY AGENT INFORMALLO...
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REGISTRATION NUMBER: HITACHI.011CP2
TELEPOME: 714-760-9004
TELEPAX: 714-760-9002
INFORMATION FOR SEQ ID NO: 458:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: """NWESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    641 CTGGCGGTGGAGGCCGG 657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: CDNA to mRNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ANTI-SENSE: NO
US-08-379-078-458
       US-08-379-078-458/c
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Tue Dec 23 16:39:03 2003

STRANDEDNESS: double

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RESULT 174
US-09-673-809-86
; Sequence 86, Application US/09673809
; Patent No. 652851
; GENERAL INFORMATION
1 CCAGUGGUACUGGCAGC 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
CORGANISM: Homo sapiens
US-09-673-809-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 176
US-09-371-772B-2452
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Matches
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                                                                                                                                                                                               0; Gaps
                                                                                                                                                 Query Match 0.9%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 1.4e+02; Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
0.9%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+02;
Matches 12; Conservative 3; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
ITILE OF INVENTION: METHOD AND REAGENT FOR THE
ITILE OF INVENTION: TREATMENT OF DISEASES OR
ITILE OF INVENTION: OF VASCULAR ENDOTHELIAL
ITILE OF INVENTION: OF VASCULAR ENDOTHELIAL
ITILE OF INVENTION: GROWTH PACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION DATA: 5.14
PRIOR APPLICATION DATA: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEFHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                            RESULT 173
10-08-584-040-5562
1 Sequence 5562, Application US/08584040
1 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Lyon & Lyon
633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                     641 CIGGCGGIGGAGGCCGG 657
                    TOPOLOGY: linear
MOLECULE TYPE: CDNA to mRNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                            17 cresceredaceccae 1
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
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US-08-584-040-5562
                                                                                    ; ANTI-SENSE:
US-07-974-409C-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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0
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Local Similarity 88.2%; Pred. No. 1.4e+02;
les 15; Conservative 0; Mismarches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ch 0.9%; Score 13.8; DB 1; Length 17; 1. Similarity 88.2%; Pred. No. 1.4e+02; 15; Conservative 0; Mismatches 2; Indels
ADPLICANT: INNOGENETICS N.V.
TITLE OF INVENTION: Method for typing of HLA alleles.
FILE REFERENCE: PCT99.86.HLA
CURRENT APPLICATION NUMBER: US/09/673,809
CURRENT FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 98870088.6
PRIOR APPLICATION NUMBER: 1988-04-20
NUMBER OF SEQ ID NOS: 107
SCOFTWARE: Patentin Ver. 2.1
SEQ ID NO 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Uckun, Fatih M.
APPLICANT: Uckun, Fatih M.
APPLICANT: Crotty, Mya L.
TILE OF INVENTION: IKAROS ISOFORMS AND MUTANTS:
FILE REPERENCE: 12152.35USU1
CURRENT APPLICATION NUMBER: US/09/435,327A
CURRENT FILING DAPE: 1999-11-05
PRIOR PILING DAPE: 1999-11-05
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
SOFTWARE: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2452, Application US/09371772B Patent No. 6566127 GENERAL INFORMATION: APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-435-327A-16/c
; Sequence 16, Application US/09435327A
; Patent No. 6537766
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1499 GAGGCCTGCACCCGCT 1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       798 AGGACCTGAGCCCGGG 814
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Stinchcomb, Dan
Escobedo, Jaime
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CT-US93-00977-71/c
Sequence 71, Application PC/TUS9300977
Sequence 71, Application PC/TUS9300977
TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA NUMBER OF SEQUENCES: 711
CORRESPONDENCE ADDRESS: ADDRESSE: Knobbe, Martens, Olson, and Bear STREET: STREET: Newport Center Dr. Sixteenth Floor CITY: Newport Beach STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Squence 56, Application US/08248848

| Patent No. 552327 |
| GENERAL INFORMATION: |
| APPLICANT: Lupski, James R. |
| APPLICANT: Versalovic, James R. |
| APPLICANT: Versalovic, James R. |
| APPLICANT: Koeuth, Thearith |
| TITLE OF INVENTION: Fingerprinting Bacterial Strains Using TITLE OF INVENTION: Repetitive DNA Sequence Amplification |
| Patent No. 5523217 |
| NUMBER OF SEQUENCES: 60 |
| CORRESPONDENCE ADDRESS: |
| ADDRESSEE: Fulbright & Jaworski |
| STREET: 1301 MCKINNEY, Suite 5100 |
| CORRESPONDENCE |
| ADDRESSEE: Fulbright & Jaworski |
| ADDRESSEET: 1301 MCKINNEY, Suite 5100 |
| CORRESPONDENCE |
| ADDRESSEET: |
| ADDRESSEET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.9%; Score 13.8; DB 1; Length 17; 88.2%; Pred. No. 1.46+02; 1.10 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00977
FLING DATE: 19930129
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Altern, Daniel E.
REGISTRATION NUMBER: 34,115
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006H
TELEPRAN: 714-760-9502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Texas
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: CDNA to mRNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17 creecedredaceccae 1
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Best Local Similarity 88.2°
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Houston
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US-08-248-848-56/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor PILE REPRENCE: MBHB00,876-0, (237/198)
CURRENT APPLICATION NUMBER: US/09/371, 772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-01-0.26
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
LENGTH: 17
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GENERAL INFORMATION:
TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
NUMBER OF SEQUENCES: 711
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
STREET: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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Pred. No. 1.4e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.8; DB 1; Length 17;
Pred. No. 1.4e+02;
3; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00977
FILING DATE: 19930129
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: ALtuan, Daniel B.
REGISTRATION NUMBER: 34,115
REFRENCE/POCKET NUMBER: HITACHI.006H
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAK: 714-760-9502
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1447 CCACTGGTACTCGCAGC 1463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CCAGUGGUACUGGCAGC 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 70.6%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    17 crescestresaceceas 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 88.23
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: NUCLEIC ACID
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2452
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 177
PCT-US93-00977-70/c
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US-08-111-077-56/c

| Sequence 56, Application US/08111077 |
| Patent No. 5691136 |
| GENERAL INFORMATION: |
| APPLICANT: Uspski, James R. |
| APPLICANT: Versalovic, James R. |
| TITLE OF INVENTION: Fingerprinting Bacterial Strains Using TITLE OF INVENTION: Fingerprinting Bacterial Using TITLE OF INVENTION: Fingerprinting Bacterial Strains Using TITLE OF INVENTION: Fingerprinting Bacterial Using TITLE OF INVENTION: Fingerprinting Bacterial Strains Using TITLE OF INVENTION: Repetitive DNA Sequence Amplification Patent No. 5691136 |
| OVERESPONDENCE ADDRESS: ADDRESSES: ADDRESSES: Fulbright & Jaworski STREET: 100 MCKinney, Suite 5100 CONTRY: U.S.A. |
| CITY: Houston STREET: Persal Compatible COMPUTER: EMP PROPER PROPER PATENTION DATA: |
| COMPUTER: Patent In Release #1.0, Version #1.25 |
| CURRENT APPLICATION DATA: |
| APPLICATION NUMBER: 32,714 |
| REGISTRATION NUMBER: 32,714 |
| REGISTRATION NUMBER: 32,714 |
| REGISTRATION NUMBER: 32,714 |
| TELECOMMUNECATION: NUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match

0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              111 ÇGCAÇGGGAÇAÇÇÇÇÇ 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              111 CGCACGGGGACAGCTCG 127
                                                                                               57:
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MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 713,
TELER: 768829
INFORMATION FOR SEQ ID NO: 56
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TOR: nucleic acid
TELEFAX: 713/651-5246
TELEX: 762829
INFORMATION FOR BEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15; Conservative
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Matches 15; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-111-077-56
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US-08-248-848-57

; Sequence 57, Application Us/08248848
; Patent No. 5523217
; GENERAL INFORMATION:
; APPLICANT: Lupski, James R. APPLICANT: Lersalovic, James R. APPLICANT: Keeuth, Thearith
; TILE OF INVENTION: Repetitive DNA Sequence Amplification
; Patent No. 5523217
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCES: 60
; CORRESPONDENCES: ADDRESSEE: Fulbright & Jaworski
; TILE OF INVENTION: Repetitive DNA Sequence Amplification
; RESERVE SEQUENCES: 60
; CORRESPONDENCES: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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CITY: HOUSEON
STATE: Texas
COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
SUSTWARE: Patent In Release #1.0,
APPLICATION NUMBER: US/08/248,848
FILING DATE:
CLASSIPICATION: 435
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/781,424
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: 32,714
REFERENCE/DOCKET NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5394
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/248,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                           FILING DATE:
CLASSIFICATION: 435
FRIOR APPLICATION: 435
FRIOR APPLICATION DATA:
APPLICATION WIMBER: US/07/781,424
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REGISTRATION NUMBER: 32,714
REGISTRATION NUMBER: 32,714
REGISTRATION NUMBER: 32,714
REGISTRANGE/DOCKET NUMBER: D-5394
TELEPHONE: 713/651-5325
TELEPHONE: 713/651-5325
TELEPHONE: 713/651-5326
TELEPHONE: 713/651-5326
TELEPHONE: 713/651-536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    111 CGCACGGGGACAGCTCG 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17 cegacreceacacice 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-248-848-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
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0.9%; Score 13.8; DB 1; Length 18; 88.2%; Pred. No. 1.7e+02; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1203, Application US/08363240A

Sequence 1203, Application US/08363240A

Patent No. 570538B

GENERAL INFORMATION:

APPLICANT: Contune, Larry

APPLICANT: Contune, Larry

APPLICANT: Bisgalar, Charles

APPLICANT: Pape, Michael

ITILE OF INVENTION: METHOD AND REAGENT FOR

ITILE OF INVENTION: PREVENTION, INTERIBITION OF

ITILE OF INVENTION: PREVENTION, AND REGRESSION

ITILE OF INVENTION: OF VASCULAR DISEASES

NUMBER OF SEQUENCES: 1243

CORRESPONDENCE ADDRESS:

ADDRESSE: Lyon & Lyon

STREET: Suite 4700

CITY: Los Angeles

STREET: Suite 4700

CONTRY: California

CONTRY: U.S.A.
                                                                                                                                                                                                      COMPUTER READABLE FORM:

MADIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8.5" Diskette, 1.44 Mb
MEDIUM TYPE: BLORAGE
COMPUTER: IBM Compatible
OMPRANTE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 23, 1994
PRIOR APPLICATION NUMBER: 23, 1994
REPRENCE/DOCKET NUMBER: 210/096
REGISTRATION NUMBER: 32,327
REPRENCE/DOCKET NUMBER: 210/096
TELERAK: 67-3510
INFORMATION FOR SEQ ID NO: 1117:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IRM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
STREET: 633 West Fifth Street STREET: 631 West Fifth Street CITY: Los Par-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1453 GTACTCGCAGCTGCTCT 1469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18 GGACTCGGAGCTGCTCT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 88.2%
Matches 15; Conservative
                                                                                                                        CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 184
US-08-363-240A-1203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-363-240A-1117
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                                                                                                                                     WESULT 182

VESURE 182

VESURE 182

VESURE 182

Sequence 57, Application US/08111077

Sequence 57, Application US/08111077

Sequence 57, Application US/08111077

APPLICANT: Lupski, James R.

APPLICANT: Versalovic, James R.

NUMBER OF ENCURNICES: 63

CORRESPONDENCE ADDRESS: 63

CORRESPONDENCE ADDRESS: 63

CONRESPONDENCE ADDRESS: 63

CONNTY: 10.3.0.5

CONPUTER: Texas

COMPUTER READABLE FORM:

MEDIUM TYPE: Thopy disk

COMPUTER READABLE FORM:

MEDIUM TYPE: 1993084

CORRENT APPLICATION DATA:

PILIN DATA: 1993084

CLASSTRICANTON: APPLICATION DATA:

APPLICATION NUMBER: 32,714

REGISTRATION NUMBER: 32,714

REGISTRATION NUMBER: 32,714

REGISTRATION NUMBER: 32,714

REGISTRATION NUMBER: 32,714

REFERENCE/DOCKET NUMBER: 32,714

TELEPHONE: TELEPHONE: TELEPHONE:

TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE: TELEPHONE:
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US-08-363-240A-1117/c
; Sequence 1117, Application US/08363240A
; Fatent No. 5705388
; GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Biggaier, Charles
APPLICANT: Bagaier, Charles
APPLICANT: Pape, Michael
ATILE OF INVENTION: METHOD NETHORITON OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 713/651-5246
TELEX: 762829
INPORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                111 CGCACGGGGACAGCTCG 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 CGGACTGGGACAGCTCG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: YES
                                17 CGGACTGGGACAGCTCG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-111-077-57
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0; Gaps

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Sequence 32, Application US/09176862B

Patent No. 6046319

GENERAL INFORMATION:

APPLICANT: Power, Christopher

APPLICANT: Power, Christopher

TILE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION

TILE OF INVENTION: OF TNF-ALPHA

TILE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION

TILE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION

CURRENT APPLICATION NUMBER: US/09/176,862B

CURRENT APPLICATION NUMBER: 60/062,718

EARLIER FILING DATE: 1999-10-22

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 32

LENGTH: 18
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Patent No. 5951455

GENERAL INFORMATION:
TILLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
FILE REPERENCE: RTS-0030
CURRENT PILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87

LENGTH: 18
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| OTHER INFORMATION: Description of Artificial Sequence:synthetic
US-09-176-862-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match

0.9%; Score 13.8; DB 1;
Best Local Similarity 58.8%; Pred. No. 1.7e+02;
Matches 10; Conservative 5; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-48
                                                                                                                             TELECOMMUNICATION INCORMATION:
TELETAX: (213) 955-0440
TELETAX: (213) 955-0440
TELETAX: (7-3510
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1129:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
US-08-311-486C-1129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1450 CTGGTACTCGCAGCTGC 1466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       132 TCATCAGTTCCATGGGC 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 ucaucaguucuaugecc 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 186
US-09-205-922-48
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US-09-176-862-32
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0.9%; Score 13.8; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 1.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 185

US-08-311-486C-1129
; Sequence 1129, Application US/08311486C
; Patent No. 581300;
; Ratent No. 581300;
; APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kenneth Draper
APPLICANT: Cevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: Dan T. Stinchcomb
TITLE OF INVENTION: RIBOZYNE TREATMENT OF
TITLE OF INVENTION: BIEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNP-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON F T.--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNDER: 08/008,895
RILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.0" DISKette
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY AGENT INFORMATION:
NAME: WATULEY, RICHARD
REGISTRATION NUMBER: 210/096
TREERENCE/DOCKET NUMBER: 210/096
TREERENC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1023 CGGGCCGCCTTCCGGG 1039
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-363-240A-1203
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TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 3041:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    939 GCCIGCIGCICACCGCC 955
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Best Local Similarity 70.69
Matches 12, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3041
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US-09-322-478-2/C

$ Sequence 2, Application US/09322478

$ Sequence 2, Application US/09322478

$ Patent No. 6331662

$ GENERAL INFORMATION:

$ APPLICANT: Wright, David A.

$ APPLICANT: Wright, David A.

$ TITLE OF INVENTION: Plant Retroelement and Methods Related Thereto

$ TITLE OF INVENTION: Plant Retroelement

$ CURRENT APPLICATION NUMBER: US/09/322,478

$ CURRENT FILING DATE: 1999-05-29

$ NUMBER OF SEQ ID NOS: 41

$ SOFTWARE: PatentIn Ver. 2.0

$ SEQ ID NO 2

**IENGTH: 18
                                            Gaps
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88.2%; Pred. No. 1.7e+02;
tive 0; Mismatches 2; Indels
    Length 18;
                                                                                                                                                                                                           Sequence 45, Application US/09143212B
Patent No. 6077672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INTERPLET RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.9%; Score 13.8; DB 1;
88.2%; Pred. No. 1.7e+02;
tive 0; Mismatches 2;
Query Match

0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ), OTHER INFORMATION: Antisense Oligonucleotide US-09-143-212-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3041, Application US/08584040 Patent No. 6346398 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1368 GCGGGGGGGGGGGGG 1384
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                                                                               235 GGGGTTCGGGAAGAGGA 251
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                                                                                                                       1 GGGGTTCGAGAGATGA 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 88.23
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.9
Best Local Similarity 88.2
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: Glycine max
US-09-322-478-2
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US-08-584-040-3041
                                                                                                                                                                              RESULT 188
US-09-143-212-45
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Gaps
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Pred. No. 1.7e+02;
3; Mismatches 2; Indels
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APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Particia Ann Owens
APPLICANT: Skokut, Thomas A.
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
IIILE OF INVENTION: OOMPOSITION AND METHODS FOR
IIILE OF INVENTION: MODULATION OF GENE EXPRESSION
IIILE OF INVENTION: IN PLANTS
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: ENDOTHERS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Gailfenia
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER: IBM COMPACIBLE
OFFRATING SYSTEM: IBM PC. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: OCCODER 26,1995
ATONEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELERPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 1167, Application US/08679645; Patent No. 6350934
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Sequence 1469, Application US/09371772B

Batent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribosyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: Stanchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ô
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Patent No. 6528261
GENERAL INFORMATION
TITLE OF INVENTION Method for typing of HLA alleles.
FILE REPERENCE: PCT99.66.HLA
CURRENT APPLICATION NUMBER: US/09/673,809
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 1998-04-20
NUMBER OF SEQ ID NOS: 107
SOFTWARE: Patent IN Ver. 2.1
LENGTH: 18
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88.2%; Pred. No. 1.7e+02;
tive 0; Mismatches 2;
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/025,343
FILING DATE: 18 FPb-1998
CLASSIFICATION: «Unknown»

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 97 102 547.3
FILING DATE: 18 FPB-1997
ATTORNEY/AGENT INFORMATION:

NAME: SANDERCOCK, Colin G.

REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 31,298
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (202) 672-5300
TELEFAX: (202) 672-5309
TELEFAX: (202) 672-6309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.9%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   327 GCGGAAGGTATGAAGGG 343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            798 AGGACCTGAGCCCCGGG 814
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GCGGAAGGTTTGAATGG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 AGGACCTGAGCTCCTGG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 88.2
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
CRGANISM: Homo sapiens
US-09-673-809-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 194
US-09-371-772B-1469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 193
US-09-673-809-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-025-343-14
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Patent No. 6380170

GENERAL INFORMATION.
APPLICANT: MUELLER, Rolf
LIU, Ningshu
ZWICKER, Joerk
SEDLACER, Hans-Harald
TITLE OF INVENTION: NUCLBIC ACID CONSTRUCT FOR THE CELL
CYCLE REGULATED EXPRESSION OF STRUCTURAL GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSE: FOLEY & LARDNER
STREET: 3000 K Street, N.W.
CITY: Washington
COUNTRY: U.S.A.
COUNTRY: U.S.A.
CONPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PEN PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UNGBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION NUMBER: 60/001,135
APPLICATION NUMBER: 60/001,135
APPLICATION NUMBER: 60/300,726
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: SECHEMBER: 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/ACCET NUMBER: 219/247
FELEFRANICATION INFORMATION:
TELEFROMINICATION INFORMATION:
TELEFROMINICATION INFORMATION:
TELEFROMINICATION INFORMATION:
TELEFROMINICATION INFORMATION:
TELEFROMINICATION OF SEQ ID NO: 1167:
SEQUENCE CHARACTERICATICS:
LENGTH: 18 base pairs
TYPE: mucleic acid
STRANDENDES: single
                                                                                                                         STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
                                          CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 833 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1368 GCGGGGGCGCGGCGGC 1384
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 gcrecededededed
                        TIMBER OF SEQUENCES: 1263
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Best Local Similarity 88.2
Matches 15; Conservative
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STRANDEDNESS: Bing
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US-08-679-645-1167
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US-09-025-343-14
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                                                                                                                                                                                                                                                                                                APPLICANT: Leushner, James
APPLICANT: Hui, May
APPLICANT: Hui, May
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: METHOD FOR AMPLIFICATION AND SEQUENCING
TITLE OF INVENTION: OF NUCLEIC ACID POLYMERS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
       Best Local Similarity 88.2%; Pred. No. 1.9e+02; Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NO. COUNTRY: US
ZIP: 10598
COUNTRY: US
ZIP: 10598
COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compartible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/640,672
FILING DATE:
PRIOR PAPELICATION DATA:
APPLICATION NUMBER:
FILING DATE:
PILING DATE:
PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.9%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 1.9e+02; Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          32,038
ER: VGEN.P-020-US
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MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
                                                                                                                                                                                    RESULT 196
US-08-640-672-6/c
; Sequence 6, Application US/08640672
; Patent No. 578916
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: LAISON, MATINA T.
REGISTRATION NUMBER: 32.038
REFERENCE/DOCKET NUMBER: VGEN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
                                                                            1303 CGCGCTCCTGGCTGCAC 1319
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SEQUENCE CHARACTERISTICS
LENGTH: 19
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FRAGMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION:

OTHER INFORMATION:

US-08-640-672-6
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Sequence 12, Application US/08486408
Parent No. 5716846
GENERAL INFORMATION:
APPLICANT: Bartagupta, Nanibhushan
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Naidu, Yathi M.
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
TITLE OF INVENTION: MRNA
TITLE OF INVENTION: MRNA
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSES: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
                                                                                                                                                                                                                                                                                                                                                                                                                      ö
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor PILE REFERENCE: MBH800,876-J (237/198)
CURRENT PEPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-3
SOFTWARE: 1995-10-3
SOFTWARE: 1995-10-08
SOFTWARE: 1995-10-08
SOFTWARE: PatentIn version 3.0
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Pred. No. 1.7e+02;
3; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OMPHARE: BM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PASESQ VERSION 1.5
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/486,408
FILING DATE: 07-UN-1995
CLASSIFICATION 1435
PRIOR APPLICATION 1435
PRIOR APPLICATION 1474:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36,510
RECISTRATION NUMBER: 36,510
RECISTRATION NUMBER: GE1009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-53-2807
TELEPHONE: 619-53-2807
                                                                                                                                                                                                                                                                                                                                                                                                                                                               939 GCCTGCTGCTCACCGCC 955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.9%;
                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 70.6
Matches 12, Conservative
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic accid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 619-546-7929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                     ) ORGANISM: Homo sapiens
US-09-371-772B-1469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CA
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: CA
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                                                                                                                                                                                                                                                                                    TYPE: RNA
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APPLICANT: Green, Ronald
TITLE OF INVENTION: Method for Evaluation of Polymorphic
TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA
TITLE OF INVENTION: Types
TITLE OF INVENTION: Types
CORRESPONDENCE: 33
CORRESPONDENCE: ADDRESS:
ADDRESSE: Oppedahl & Larson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Sequence 10, Application US/08611280

Sequence 10, Application US/08611280

Sequence 10, Application US/08611280

SENERAL INFORMATION:
APPLICANT: Grossman, Alex
APPLICANT: Grossman, 
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88.2%; Pred. No. 1.9e+02;
ive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage COMPUTER: IBM COMPACTION TYPE: Diskette - 3.5 inch, 1.44 Mb storage COMPUTER: IBM COMPACTION OF STEM: MS DOS SOFTWARE: Ward Perfect CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/577,858A
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/577,858A
FILING DATE:
APPLICATION NUMBER: 32,038
RAME: LAFSON, MATINA:
RAME: LAFSON, MATINA:
REFERENCE/DOCKET NUMBER: 32,038
REFERENCE: (914) 245-3352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                        E: Oppedahl & Larson
1992 Commerce Street Suite 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: other nucleic acid HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              579 GCCGCGCAGTGGACATC 595
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Best Local Similarity 88.2
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                               Yorktown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ontario
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                                                                                                                                                                                                                                                                                                                  STREET:
CITY: YO
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: PSTATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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0
                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Leushner, James
APPLICANT: Leushner, James
APPLICANT: Hui, May
APPLICANT: Dunn, James M.
APPLICANT: Larson, Marina T.
TITLE OF INVENTION: NUCLEIC ACID POLYMERS
INDMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSES: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: amplification primer for DR2 alleles of OTHER INFORMATION: HLA Class II genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
0.9%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage COMPUTER: IBM compatible OPERATING SYSTEM: MS DOS OPERATING SYSTEM: MS DOS CONTWARE: Word Perfect CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,498A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION: 435
RIOR APPLICATION DATA:
APPLICATION NUMBER: 08/640,672
FILING DATE: 1 May 1996
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN. P-031-US
TELECOMOUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-577-858A-6/c
; Sequence 6, Application US/08577858A; Patent No. 5834189
; GENERAL INFORMATION:
GAPPLICANT: Stevens, John K.
; APPLICANT: Dunn, James M.
; APPLICANT: Leushner, James
RESULT 197
US-08-684-498A-6/c
Sequence 6, Application US/08684498A
Patent No. 5830657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         579 GCCGCGCAGTGGACATC 595
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FRAGMENT TYPE: internal ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: human
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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Method of Diagnosing Cancer in Human Cells
Using a Reverse Transcriptase-Polymerase Chain Reaction for
the Presence of Stromelysin-3
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PUBLICATION INFORMATION:
AUTHORS: Johnson, Lewis D., Hunt, D. Margaret, Kim, Koanhoi, and TITLE: Amplification of Stromelysin-3 Transcripts from Carcinomas of JOURNAL: Human Pathology
                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 201
US-08-796-362C-5/C
US-08-796-362C-5/C
US-08-796-362C-5/C
Patent No. 595200
GENERAL INFORMATION:
APPLICANT:
APPLICANT:
APPLICANT:
TITLE OF INVENTION: Using a Reverse Transcriptase-Polymerase Ch
TITLE OF INVENTION: Loging a Reverse Transcriptase-Polymerase Ch
TITLE OF INVENTION: Using a Reverse Transcriptase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polymerase-Polym
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                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                             Length 19;
                                                                                                                                                                                                                                                                                                                                  2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTER READABLE FORM:

REDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storag COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storag COMPUTER: I me compatible (SAMPO/AlphaScan OPERATING SYSTEM: MS Dos; Windows 95 SOFTWARE: WORDERFECT 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/796,362C

CLASSIFICATION DATA: NO. 5952200 applicable OFFILMS PART: 0-FEB-1997

CLASSIFICATION DATA: NO. 5952200 applicable NAME: NaME: Neil C. Jones REGISTRATION NUMBER: 35,561

REPERENCY/DOCKET NUMBER: 35,561

REPERENCY/DOCKET NUMBER: 35,561

TELEPHONE: (864) 271-1592

INFORMATION FOR SEQ 123-7342

INFORMATION FOR SEQ 1200: 5: SEQUENCE CHARACTERISTICS: LENGTH: NAME: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                      Ouery Match 0.9%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 1.9e+02; Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: Linear
TOPOLOGY: Linear
DOSCECULE TYPE: Other Nucleic Acid
DESCRIPTION: -actin primer
HYPOTHETICAL: No
                                                                                                                                                                                                                                                                                                                                                                                              1303 GGCGCTCCTGGCTGCAC 1319
                                                                                                                                                                                                                                                                                                                                                                                                                                            17 CGCGCTGCTGGCTGCCC 1
                                         : 19 base pairs
nucleic acid
EDNESS: single
       SEQUENCE CHARACTERISTICS:
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TYPE: Nucleic acid
STRANDEDNESS: Single
                                                                                                                                                       linear
                                  LENGTH: 19 base

TYPE: nucleic

STRANDEDNESS:

TOPOLOGY: lines

US-08-975-570-12
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APPLICANT: Brown, Steven Joel
APPLICANT: Datagupta, Nanibhushan
APPLICANT: Naidu, Yathi M.
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN-
TITLE OF INVENTION: mANA
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                      ZIP: LSN 6JB
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/611,280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: EN Compatible
SOFTWARE: FASTESQ VERSION 1.5
CURRENT APPLICATION NUMBER: US/08/975,570
FILING DATE:
CLASSIFICATION: 435
RIOR APPLICATION NUMBER: 08/486,408
FILING DATE: 07-UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fisher Garlos A
REGISTRATION NUMBER: 36,510
REFISENCE/POCKET NUMBER: CBI009
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                               AFLILANDE DATE:
CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: Oleski, Nancy A.
REGISTRATION NUMBER: 34,688
REFERENCE/DOCKET NUMBER: 4-338
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-975-570-12/c
; Sequence 12, Application US/08975570
; Patent No. 5945336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         504 CAGGAGTGAAACTGCGG 520
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INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear / MOLECULE TYPE: cDNA US-08-611-280-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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COUNTRY:
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Gaps
Groesman, Alex
Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/08068747
; Sequence 7, Application US/08068747
; Patent No. 569593
; GENERAL INFORMATION:
    APPLICANT: Schalling, Martin
    APPLICANT: Hudson, Thomas J.
    APPLICANT: Hudson, Thomas J.
    APPLICANT: Hudson, David E.
    TITLE OF INVENTION: Direct Determination of Expanded
    TITLE OF INVENTION: Nucleotide Repeats in the Human Genome
    NUMBER OF EXCUENCES: 11
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
    STREET: Two Militia Drive
    STREET: Two Militia Drive
    STREET: Massachusett
    COUNTRY: Usa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.9%; Score 13.8; DB 1; Length 19; Best Local Similarity 88.2%; Pred. No. 1.9e+02; Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                STATE: Ontario
COUNTRY: Canada
ZIP: LSN Canada
ZIP: LSN ESADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEN PC Compatible
COMPUTER: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
RILING DATE: 01-May-2000
CLASSIFICATION: CURNOWn>
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                ADDRESSEE: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/195,940
FILING DATE: «URKENOWN:
ATORNEY/AGENT INFORMATION:
NAME: 01e8Ki, Nancy A.
REGISTRATION NUMBER: 34,688
REFERENCE/DOCKET NUMBER: A-338A
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/068,747
FILING DATE: 28-MAY-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                504 CAGGAGTGAAACTGCGG 520
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                              CITY: Mississauga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         02173
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US-08-068-747-7/c
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Sequence 10, Application US/09195940

Sequence 10, Application US/09195940

Sequence 10, Application US/09195940

Patent No. 6258935

SERERAL INFORMATION:

APPLICANT: Matsuyama, Toshifumi

APPLICANT: Matsuyama, Toshifumi

APPLICANT: Richardson, Christopher D.

TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: Angen Canada Inc.

SIREET: 6733 Mississauga Road, Suite 303
                                   ; PAGES: 964-968
; DATE: SEPT-1996
; RELEVANT RESIDUES IN SEQ ID NO: 5: NT 1382-1364 (position US-08-796-362-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.9%; Score 13.8; DB 1; Length 19; Best Local Similarity 88.2%; Pred. No. 1.9e+02; Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                              Length 19;
                                                                                                                                                                         Query Match 0.9%; Score 13.8; DB 1; Length 1 Best Local Similarity 88.2%; Pred. No. 1.9e+02; Matches 15; Conservative 0; Mismatches 2; Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Oncario
COUNTRY: Canada
ZIP: LSO 6UB
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUDKESSEB: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 203
US-09-562-466-10
Sequence 10, Application US/09562466
Patent No. 6369202
GENERAL INFORMATION:
APPLICANT: Matsuyama, Toshifumi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Oleeki, Nancy A.
REGIGTRATION NUMBER: 34,688
REFERENCE/DOCKET NUMBER: A-338A
INPORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
ATHOR APPLICATION DATA:
APPLICATION NUMBER: 08/611,280
FILING DATE:
                                                                                                                                                                                                                                                                           294 TCCCCAATGTGGCCGAG 310
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                                                                                                                                                                                                                                                                                                                      17 Trcachardrescosas 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
       VOLUME:
ISSUE:
PAGES:
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US-08-585-684B-49
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US-08-585-684B-49
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US-08-585-684B-51
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Sequence 29, Application US/08983466
Patent No. 6207372
GENERAL INFORMATION:
APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
TITLE OF INVENTION: UNA AMPLIFICATION
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: RAE-VENTER LAW GROUP
                                                                                                                                                                                                                                                   0.9%; Score 13.8; DB 1; Length 33; 63.6%; Pred. No. 5.2e+02; tive 0; Mismatches 12; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "Oligonucleotide primer"
                                                                                                                                                                                                                                                                                                           1410 CTGCCGACGCTCCGGGTGCGGGGGCCACCGCGG 1442
                                                                                                                                                                                                                                                                                                                                        33 cceccecceccecceccecceccecceccecce
ATTORNEY/AGENT INFORMATION:

NAME: Grandan, Patricia

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: MIT-6141

TELECHONE: 617-861-6240

TELEPHONE: 617-861-9540

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs

TYPE: nucleic acid

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "Synthetic"

US-08-068-747-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: RAE-VENTER LAW GROUP
STREET: 260 Sheridan Ave., Ste. 440
CITY: Palo Alto
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                 Best Local Similarity 63.6
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                 US-08-983-466-29/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94306
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Length 20;
                                                                                                                                                                                                                                                                                                                                                                    Sequence 49, Application US/08585684B

| Patent No. 5877021
| GENERAL INFORMATION:
| APPLICANT: Stinchcomb, Daniel T. APPLICANT: MENDERO, James
| TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES NUMBER OF SEQUENCES: 2751
| CORRESPONDENCE ADDRESS: ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street
| STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
Query Match 0.9%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 2.4e+02; Matches 16; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.9%; Score 13.4; DB 1;
Best Local Similarity 60.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 5; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IEM Compatible
OPERATING SYSTEM: IEM P.C. DOS 5.0
SOFTWARE: FEASESQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/586,684E
FILING DATE: January 16, 1996
PRICATION NUMBER: 00/000,951
FILING DATE: July 7, 1995
APPLICATION NUMBER: 218/078
FILING DATE: July 7, 1995
APPLICATION NUMBER: 32,327
REFERENCE/CONTINICATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/CONTINICATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 51, Application US/08585684B
Patent No. 5877021
GENERAL INSOMATION:
APPLICANT: Stinchcomb, Daniel T.
                                                                                                                                            1351 CAGCGGCGGCGGGACCGCG 1370
                                                                                                                                                                                                                    20 ccccccccccccccccccc 1
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STATE: California
COUNTRY: U.S.A.
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SOFTWARE: COURENT APPLICATION DATA: APPLICATION NUMBER: US/08/863,639A. FILING DATE: May 28, 1997
                                         APPLACE
FILING DATE: CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPPL E. Much.
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859
TELECOMMUTICATION INFORMATION:
TELEPHONE: (626) 795-6321
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

US-08-863-639A-21
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-590-897A-32
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llarity 60.0%; Pred. No. 1.2e+02;
Conservative 5; Mismatches 1; Indels
                  APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 21, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Rampal, Jang B.
APPLICANT: Rampal, Jang B.
APPLICANT: Coassin, Peter J.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
                                                                                                                                                                                                           CITY: LOS ANGELES
COUNTY: LOS ANGELES
COUNTY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 60000
COMPUTER: 1DM Compatible
OFFRAING SYSTEM: 1DM P.C. DOS 5.0
SOFWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
FILING DATE: JOLY 7, 1995
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 60/000,951
FILING DATE: JULY 7, 1995
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEFHONE: (213) 955-0440
                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              902 GTCTTCTACGTGATC 916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 67.3510
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 9; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY:
US-08-585-684B-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 208
US-08-863-639A-21
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Gaps
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Sequence 32, Application US/08590897A

Sequence 32, Application US/08590897A

Sequence 32, Application US/08590897A

SENERAL INFORMATION:
APPLICANT: Mandeville, Rosemonde
APPLICANT: Mandeville, Rosemonde
APPLICANT: Mandeville, Rosemonde
APPLICANT: MARAII

TITLE OF INVENTION: METHODS OF GENERATING NOVEL PEPTIDES

NUMBER OF SEQUENCES: 38

CORRESSEDE: MATHEWS, COLLINS, SHEPHERD & GOULD P.A.
STREET: 100 Thanet Circle, Suite 306

CITY: Princeton
STRYE: NJ

COUNTRY: USA

ZIP: 08440-3662

COUNTRY: USA

ZIP: MADIUM TYPE: Floppy disk
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BAP COMPACIAL

MEDIUM TYPE: PatentIn Release #1.0, Version #1.30

CURSSIFICATION NUMBER: US/08/590,897A

FILING DATE: 24-JAN-1996

CLASSIFICATION NUMBER: 38,827

RECERRENCE/DOCKET NUMBER: 38937-102US

TELECOMMUNICATION INPORMATION:
Query Match 0.9%; Score 13.4; DB 1; Length 15; Best Local Similarity 93.3%; Pred. No. 1.2e+02; Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.4; DB 1;
Pred. No. 1.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.9%;
93.3%;
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Best Local Similarity
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                902 GTCTTCTACGTGATC 916
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       Gaps
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                                                                                                                                                                                                                                                                                    Sequence 45, Application US/09038073

Patent No. 6194150

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Garvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT
TITLE OF INVENTION: ADDRESS:
NUMBER OF SEQUENCES: 2751
CORRESPONDENCES: 2751
CORRESPONDENCES: Lyon
STREET: 631 West Fifth Street
STREET: 631 West Fifth Street
   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 211
US-09-038-073-51
Sequence 51, Application US/09038073
Fatent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FRASEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PELICATION DATA:
FILING DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATCORNEY AGENT INFORMATION:
NAME: Warburg Richard
REGISTRATION NUMBER: 218/076
FELEPANICATION NUMBE
   ò
                                                                  1046 CTGGGGCCTCGGGCG 1060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   899 AAGGTCTTCTACGTG 913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AGGGUCUUCUACGUG 15
                                                                                                     Query Match

Best Local Similarity 60.0°
Matches 9; Conservative
   14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 90071
                                                                                                                                                                                                                                RESULT 210
US-09-038-073-49
Matches
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RESULT 212
US-08-733-635-13
Sequence 13, Application US/08730635
Sequence 13, Application US/08730635
GENERAL INFORMATION:
APPLICANT: Lansdorp, Peter
TITLE OF INVENTION: Method for Detecting Multiple Copies of
TITLE OF INVENTION: a Repeat Sequence in a Nucleic Acid Molecule
Pattern No. 6514633
NUMBER OF SEQUENCES: 14
CORRESPONDENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWSON
STREET: 321 No. 651469311stown Road
CITY: Spring House
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ..
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TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 634 West Fifth Street
STREET: California
COUNTRY: Los Angeles
STREET: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.

ZIP: 19477
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/730,635
FILING DATE: 11-OCT-1996
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US-08-060-952C-57/c

| Sequence 57, Application US/08060952C
| Patent No. 569592
| GENERAL INFORMATION:
| APPLICANT: Michael D. West
| APPLICANT: Michael D. West
| APPLICANT: Blizabeth Blackburn
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
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| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
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| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
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| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTIONS OF THE TITLE THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTIONS OF THE TITLE THERAPY AND TITLE THERAPY AND TITLE THERAPY AND TITL
                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.9%; Score 13.4; DB 1; Length 16; Best Local Similarity 93.3%; Pred. No. 1.5e+02; Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 16;
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Outlier 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IEM COMPATIBLE
OPERATING SYSTEM: IEM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/060,952C
FILING DATE: May 13, 1993
CLASSIFTCATION: 514
APPLICATION NUMBER: 07/882,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 07/882,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 08/038,766
FILING DATE: May 14, 1993
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERNCE/DOCKET NUMBER: 202/
TELECOMUNICATION INFORMATION:
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        72 CACACGCACACACCC 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16 cacacacacacacc
    TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-060-952C-57
                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                       STRANDEDNESS:
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US-08-153-051B-58
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MICHAEL D. WEST
APPLICANT: MOGATING E. Wright
APPLICANT: Blizabeth Blackburn
APPLICANT: Blizabeth Blackburn
APPLICANT: Blizabeth Blackburn
APPLICANT: Calvin B. Harley
APPLICANT: Calvin B. Harley
APPLICANT: Scott L. Weinrich
APPLICANT: Scott L. Weinrich
APPLICANT: Michael J. McEachern
APPLICANT: Michael J. McEachern
APPLICANT: Michael J. McEachern
APPLICANT: Michael J. McEachern
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: TENGTH AND DIAGNOSIS OF
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE
TOTHE STREET: Suite 4700
CITY: LOS ANGELES
STREET: California
COUNTY: U.S.A.
ZIP: 90071
ZIP: 
CLASSIFICATION: 435
ATTORNY/AGRNT INFORMATION:
NAME: Bak, Mary B.
REGISTRATION NUMBER: 31,215
REFRENCE/DOCKET NUMBER: B&PTUSA
TELEFORMUNICATION INFORMATION:
TELEFORMUNICATION 1015) $40-9200
TELEFAX: (215) 540-5818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE DOCKET NUMBER: 204/195
TELECHMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 213
US-08-153-051B-58/c
Sequence 58 Application US/08153051B
Patent No. 5645986
GENERAL INFORMATION
                                                                                                                                                                                                                                                                            TELERAX: (215) 540-5818
TELERAX: N/A
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGHT: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
NOLECULE TYPE: DNA (genomic)
US-08-730-635-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1370 GGGGGGGGGGGGG 1384
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Patent No. 6007989

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                    APPLICANT: Calvin B. West
APPLICANT: Calvin B. Harley
APPLICANT: Scott L. Weinrich
APPLICANT: Scott L. Weinrich
APPLICANT: Scott L. Weinrich
APPLICANT: Michael J. Mcachern
APPLICANT: Michael J. Mcachern
APPLICANT: Michael J. Mcachern
APPLICANT: Michael J. Mcachern
APPLICANT: Blizabeth H. Blackburn
APPLICANT: Nam Woo Kin
TITLE OF INVENTION: TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS: 40
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: 613 West Fifth Street
STREET: Galite 4700
CITY: Los Angeles
STATE: California
COMPUTER: Los Angeles
STATE: California
COMPUTER: Storage
COMPUTER: Storage
COMPUTER: Storage
COMPUTER: BAPLICATION NUMBER: US/08/819,867
FILING DATE: No. 6007989ember 12, 1993
APPLICATION NUMBER: NO. 6007989ember 12, 1993
APPLICANTON DATA: NUMBER: NO. 6007989ember 12, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 4.7,
US-08-464-011B-57/c
; Sequence 57, Application US/08464011B
; Patent No. 6368789
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Woodring E. Wright
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Chanbers, Daniel M.
REGISTRATION NUMBER: 224,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            72 CACACGCACACACCC 86
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-819-867-80
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                                                                                                                                                                         RESULT 215
US-08-151-4774-58/C

| Sequence 58, Application US/08151477A
| Patent No. 5830644
| GENERAL INFORMATION:
| APPLICANT: Michael D. West
| APPLICANT: Moodring B. Wright
| APPLICANT: Gotting B. Wright
| APPLICANT: Calvin B. Harley
| APPLICANT: Calvin B. Harley
| APPLICANT: Calvin B. Harley
| APPLICANT: Gotting B. Wight
| APPLICANT: Calvin B. Harley
| APPLICANT: Calvin B. Harley
| APPLICANT: Michael J. McEachern
| APPLICANT: Michael J. Mc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5torage
COMPUTER: 1BM COMPAtible
OPERATING SYSTEM: 1BM PC. DOS 5.0
SOFTWARE: PastSEQ Version 1.5
SOFTWARE: PastSEQ Version 1.5
APPLICATION NUMBER: 08/038,766
FILING DATE: No. 5830644ember 12, 1993
APPLICATION NUMBER: 08/038,766
FILING DATE: MATCH 24, 1993
APPLICATION NUMBER: 20,2/189
FILING STRATION: NUMBER: 20,2/189
FILING STRATION NUMBER: 20,37
REFERENCE/DOCKET NUMBER: 20,2/189
TELEPHONE: (213) 955-0440
TELEFAX: (7.350
TELEFAX: (213) 955-0440
72 CACACGCACACACC 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     72 CACACGCACACACCC 86
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16 CACACACACACCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
US-08-151-477A-58
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RESULT 216 US-08-819-867-80/c ; Sequence 80, Application US/08819867

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Sequence 12, Application US/08288405A

Patent No. 555909

GENERAL INFORMATION:
APPLICANT: Chandy, Kanianthara G.
APPLICANT: Chandy, Kanianthara G.
APPLICANT: Chandy, Gerischa
APPLICANT: Chandy, Gerischa
TITLE OF INVENTION:
TITLE OF INVENTION: Gene
NUMBER OF SEQUENCE: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert,
ADDRESSEE: Attn: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States

ZIP: 941114187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .;
0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match

0.9%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION NUMBER: 09/819,867
FILING DATE: CURKNOWN>
APPLICATION NUMBER: 09/819,867
FILING DATE: CURKNOWN>
APPLICATION NUMBER: 09/819,867
FILING DATE: CURKNOWN>
APPLICATION NUMBER: 34,561
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION 10FORMATION:
                                                                                                                                                          CITY: LOG ...
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM ...
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 80;
                        NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSES: Lyon & Lyon
STREET: 633 Weet Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          72 CACACGCACACACCC 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           16 CACACACACACCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-288-405A-12
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TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS RELATED TO TELOMERE LENGTH AND/OR TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
0.9%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
TEOLOMERE LENGTH AND/OR
TEOLOMERE LENGTH AND/OR
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,011B
FILING DATE: OS-Jun-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/088,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 08/038,766
FILING DATE: May 13, 1993
APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
ATTORIEY/AGENT INFORMATION:
                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-08-464-011B-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Meachern
Jerry Shay
Woodring B. Wright
Elizabeth H. Blackburn
Nam Woo Kim
                                                                      NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Pifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 80, Application US/09378535
Patent No. 651774
GENERAL INFORMATION:
APPLICANT: Michael D. West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          72 CACACGCACACACCC 86
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US-09-378-535-80/c
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Gaps

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Gaps

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RESULT 221
US-09-09-742-3/c
| Sequence 3, Application US/08909742
| Patent No. 6007991
| Patent No. 6007991
| GENERAL INFORMATION:
| APPLICANT: Hsien-Yu Wang
| APPLICANT: Hsien-Yu Wang
| APPLICANT: Carala C. Malbon
| TITLE OF INVENTION: AUTISENSE OLIGONUCLEOTIDES FOR MITOGEN-
| TITLE OF INVENTION: ACTIVATED PROTEIN KINASES AS THERAPY FOR
| UNMERS OF SEQUENCES: |
| CORRESPONDENCE ADDRESS: |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 13.4; DB 1; Length 17;
Pred. No. 1.7e+02;
0; Mismatches 1; Indels
0.9%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 1.7e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 11/53

COMPUTER READABLE FORM:
MEDIUM TYPE: FLODDY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/909,742
FILING DATE: August 12, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/31,994
FILING DATE: April 1, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,520
FILING DATE: MARCH 28, 1997
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 36,425
REGISTRATION NUMBER: 36,425
REGISTRATION NUMBER: 36,425
RECERBNCE/DOCKET NUMBER: 178-225 CIP II
TELEPROMONICATION INFORMATION:
INFORMATION FOR EQUI ID NO: 3:
INFORMATION FOR EQUI ID NO: 3:
FENDURCE CHARACTERISTICS:
FENDURCE CHARACTERISTICS:
FENDURCE CHARACTERISTICS:
FENDURCE CHARACTERISTICS:
FENDURCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Hoffmann & Baron, LLP
STREET: 350 Jericho Turnpike
CITY: Jericho
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 222
US-08-909-742-4/c
; Sequence 4, Application US/08909742
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TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 93.34
Matches 14; Conservative
                                                           14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: mRNA HYPOTHETICAL: NO
                       Best_Local_Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: New York COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11753
     Query Match
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US-08-933-749-10/C
US-08-933-749-10/C
Sequence 10, Application US/08933749
FACENT NO. 5935791
FARELINFORMATION:
APPLICANT: Haich, Helen V.
APPLICANT: Hich, Helen V.
FITLE OF INVENTION: Detection of Nucleic Acids by TITLE OF INVENTION: Plucrescence Quenching
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: R. J. ROCATICK, Becton Dickinson and Company CITY: Franklin Lakes
STATE: NJ
COUNTY: Franklin Lakes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.9%; Score 13.4; DB 1; Length 17; 87.5%; Pred. No. 1.7e+02; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 07417
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,749
  SOFTWARE: Patentin Release #1.0, Version #1.25
           SUCHWARE: PATENTIN RELEASE #1.0, VETGION #
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/28,405A
FILING DATE: 10.AUG-1994
CLASSIFICATION AND ATA:
APPLICATION NUMBER: US 08/207,431
APPLICATION NUMBER: US 08/207,431
FILING DATE: 10.ARA-1994
ATTORNEY/AGENT INPORMATION:
NAME: Dreger, Waller H.
RECISTATION NUMBER: 24,190
REPERENCE/DOCKET NUMBER: A-59844-1/WHD
TELECOMUNICATION INPORMATION:
TELECOMUNICATION INPORMATION:
TELECOMUNICATION INPORMATION:
TELECAMUNICATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: IT base pairs
TYPE: MUCLEA ecid
TYPE: MUCLEA CACID
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APPLICATION ...
FILING DATE:
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGRAT INFORMATION:
NAME: Fugit, Donna R.
REGISTRATION NUMBER: 32,135
REFERENCE/DOKER: 32,135
REGISTRATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 Dase pairs
LENGTH: 17 Dase pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: ...
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Matches 14, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
TOPOLOGY:
US-08-288-405A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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Gaps

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Sequence 9, Application US/09275680
Patent No. 6221630
GENERAL INFORMATION
APPLICANT: Hopper, James E
TITLE OF INVENTION: Regulated High-level Production of Polypeptides in
TITLE OF INVENTION: Yeast
TITLE OF INVENTION: Yeast
CURRENT PAPLICATION NUMBER: US/09/275,680
CURRENT FILING DATE: 1999-03-24
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.9%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 1.7e+02; tive 0; Mismatches 1; Indels
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US-09-2164-10/C
US-09-299-164-10/C
Sequence 10, Application US/09599164
Patent No. 6261784
GENERAL INFORMATION:
APPLICANT: Nadeau, James G.
APPLICANT: Hsieh, Helen V.
APPLICANT: Pitner, James B.
APPLICANT: Inin, Carl P.
TITLE OF INVENTION: Detection of Nucleic Acids by
                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFREATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/235,583
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7 TYPE: DNA
7 ORGANISM: Saccharomyces cerevisiae
US-09-275-680-9
                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Fugit, Donna R.
REGISTRATION NUMBER: 32,135
REPERBNCE/DOCKET NUMBER: P-3:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleaic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             92 GCGCACTCGCGCCCG 106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 93.34
Matches 14; Conservative
          Franklin Lakes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-235-583-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 224
US-09-275-680-9
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: VIELL S. Sivaraman

APPLICANT: History Wang

APPLICANT: History Wang

APPLICANT: Craig C. Malbon

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-
TITLE OF INVENTION: ACTIVATED PROTEIN KINASES AS THERAPY FOR

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann & Baron, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-235-583-10/c

Sequence 10, Application US/09235583
Sequence 10, Application US/09235583
GENERAL INFORMATION:
APPLICANT: Nadeau, James G.
APPLICANT: Heieh, Helen V.
APPLICANT: Pitner, James B.
APPLICANT: Pitner, James B.
TITLE OF INVENTION: Detection of Nucleic Acids by
TITLE OF INVENTION: Plocescence Quenching
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: R. J. ROdrick, Becton Dickinson and Company
STREET: 1 Becton Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.9%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 1.7e+02; arive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER 12, 1997
CLASSIFICATION 514
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PILING DATE: April 1, 1997
FILING DATE: APACH 1, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Adams, Lindsay S.
FRIGHA APACHER 1, 1997
ATTORNEY/AGENT INFORMATION:
TELEPHONE: (516) 822-3550
                                                                                                                                                                                                                                                                                                                               STATE:

COUNTRY: USA

ZIP: 11753

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for windows:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/909,742

"TING DATE: August 12, 1997
                                                                                                                                                                                                                                                              E: Hoffmann & Baron, LLP
350 Jericho Turnpike
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1370 6666666666666 1384
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STRANDEDNESS: single
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ADDRESSE.
STREET: 350
TTY: Gericho
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 14; Conserv
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Patent No. 6271210

GENERAL INFORMATION:
APPLICANT: Sivaraman, Vimala S.
APPLICANT: Sivaraman, Vimala S.
APPLICANT: Sivaraman, Vimala S.
APPLICANT: Malbon, Craig C.
TITLE OF INVENTION: PROTEIN KINASES AS THERAPY FOR MITOGEN-ACTIVATED TITLE OF INVENTION: PROTEIN KINASES AS THERAPY FOR CANCER FILE REPERRENCE: Seq. 1-4 (178-225 CIP II/CON)
CURRENT APPLICATION NUMBER: US/09/412,289
CURRENT FILING DATE: 1999-10-0-6
EARLIER APPLICATION NUMBER: 08/831,994
EARLIER PILING DATE: 1999-08-12
EARLIER PILING DATE: 1997-04-01
EARLIER FILING DATE: 1997-03-28
NUMBER OF SEQ ID NOS: 4
SEQ ID NOS: 4
SEQ ID NO 3
ILENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
TITLE OF INVENTION: Fluorescence Quenching
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS: 1
CORRESPONDENCE ADDRESS: 1
STREET: 1 Becton Drive
CITY: Franklin Lakes
STATE: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Indels
                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/599,164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

0.9%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                      CCASSTRICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/933,749
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fugit, Donna R.
REGISTATION NUMBER: 32,135
REGISTATION NUMBER: 9-3749
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 Page pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          23 GAGCGAGCGGCGAG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GAGCGAGCGGGAGAG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                   07417
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0.9%; Score 13.4; DB 1; Length 17;

Query Match

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RESULT 228
US-09-474-432B-438
US-09-474-432B-438
Sequence 438, Application US/09474432B
Facent No. 6228640
GENERAL INFORMATION:
APPLICANT: Beigelman, Leo
APPLICANT: Branch Alex
APPLICANT: Sweedler, David
APPLICANT: S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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US-09-412-289-4/C
US-09-412-289-4/C
US-09-412-289-4/C
US-09-412-289-4/C
US-09-412-289-4/C
US-09-412-289-4/C
US-09-412-289-4/C

GENERAL INFORMATION:
APPLICANT: Waiden.'V
APPLICANT: Waiden.'V
APPLICANT: Waiden.'V
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-ACTIVATED
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-ACTIVATED
TITLE OF INVENTION: PROTEIN KINASES AS THERAPY FOR CANCER
TITLE REPRENCE: Seq. 1-4 (178-225 CIP II/CON)
CURRENT APPLICATION NUMBER: US/09/412,289
CURRENT PILING DATE: 1999-10-05
EARLIER PILING DATE: 1997-04-01
EARLIER FILING DATE: 1997-04-01
EARLIER FILING DATE: 1997-03-28
NUMBER OF SEQ ID NOS: 4
SEQUENCE: PARTICENT NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: synthesized; OTHER INFORMATION: antisense oligonucleotide US-09-412-289-4
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93.3%; Pred. No. 1.7e+02;
tive 0; Mismatches 1; Indels
                                                                                                                             1370 GGGGGGGGGGGGG 1384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1370 GGGGGGGGGGGG 1384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15 GGGGGGGGGGGGG 1
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Best Local Similarity 93.33
Matches 14, Conservative
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 4
LENGTH: 17
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Sequence 17, Application US/08975570
| Patent No. 544536
| GENERAL INFORMATION: Steven Joel APPLICANT: Brown, Steven Joel APPLICANT: Dattagupta, Nanibhushan APPLICANT: Dattagupta, Nanibhushan ITILE OF INVENTION: METHOD FOR INHIBITING CELLULAR ITILE OF INVENTION: METHOD FOR INHIBITING ANTISENSE OLIGONUCLECTIDES TO INTERLEUKIN-FITLE OF INVENTION: MRNA TITLE OF INVENTION: MRNA NANA NUMBER OF SEQUENCES: 19
| CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSEE: Gen-Probe Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cen-Probe Incorporated 1: 9880 Campus Point Drive San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/486,408
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBI009
TELECOMMUNICATION INFORMATION:
TELECHONE: 619-535-2807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/975,570
FILING DATE:
                  APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36,510
REPERENCE/DOCKET NUMBER: CBIO
TELECOMMUNICATION INFORMATION:
TELERANS: 619-546-7929
TELERAN: 619-546-7929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                431 GCGGACAGGCTGATG 445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GCGGACAGGCTAATG 15
                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 619-546-7929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 9
CITY: Sar
STATE: CA
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US-08-975-570-17
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                                                                                                                                                                             Gaps
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Patent No. 6008048

GENERAL INFORMATION:

APPLICANT: Brett P. Monia:

TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION

FILE REFERENCE RTS-0028

CURRENT APPLICATION WUMBER: US/09/205,921A

CURRENT FILING DATE: 1998-12-04

MUMBER OF SEQ ID NOS: 47

LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.9%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 2e+02; tive 0; Mismatches 1; Indels
                                                                                                                                 Query Match 0.9%; Score 13.4; DB 1; Length 17; Best Local Similarity 80.0%; Pred. No. 1.7e+02; Matches 12; Conservative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
, OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASISEQ VERSION 1.5
CURRENT APPLICATION NDTA:
APPLICATION NUMBER: US/08/486,408
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 9880 Campus Point Drive CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
SOFTWARE: Patentin version 3.0
SEQ ID NO 438
LENGTH: 17
                                                                                                                                                                                                             759 CCACGGTGCACCTGG 773
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Best Local Similarity 93.3
Matches 14; Conservative
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MEDIUM TYPE: Diskett
                                                        TYPE: RNA
CAGANISM: Homo sapiens
US-09-474-432B-438
                                                                                                                                                                                                                                                                                                        RESULT 229
US-09-205-921-12/c
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ZIP: 92121
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TELEX: 575102
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                    TOPOLOGY: lineary MOLECULE TYPE: DNA PROTHETICAL: N ANTI-SENE: N US-07-627-538-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-128-369-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-128-369-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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Patent No. 5248600

GENERAL INFORMATION:

APPLICANT: Topal, Michael D.

APPLICANT: Topal, Michael D.

APPLICANT: Conrad, Michael D.

APPLICANT: Conrad, Michael D.

TITLE OF INVENTION: Method of Cleaving DNA
NUMBER OF SEQUENCES: 8

CORRESPONDENCE B.

ADDRESSER: Kenneth D. Sibley; Bell, Seltzer, Park and Gibson CIT: Charlotte
STREET: Post Office Drawer 34009

CONTRY: U.S.A.

ZIP: Z8234

COMPUTER READABLE FORM:

MEDTUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OFFIANTION SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.24

CURRENT APPLICATION DATE:

FILING DATE: 19901214

CLASSIFICATION NUMBER: 31,665

RESTSTRATION NU
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                                                                      Query Match 0.9%; Score 13.4; DB 1; Length 19; Best Local Similarity 93.3%; Pred. No. 2.3e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 232
US-09-144-367-43

Sequence 43, Application US/09144367

Sequence 43, Application US/09144367

Sequence 43, Application US/09144367

GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4

FILE REFERENCE: SEQ-12P

CURRENT APPLICATION NUMBER: US/09/144,367

CURRENT FILING DATE: 1998-08-31

PRIOR APPLICATION NUMBER: 60/058,612

PRIOR FILING DATE: 1997-09-10

NUMBER OF SEQ ID NOS: 58

SOFTWARE: PRESENCE: SEQ-10

SEQ ID NOS: 58

LENGTH: 19
                                                                                                                                                                                                                            431 GCGGACAGGCTGATG 445
                                                                                                                                                                                                                                                                                                   GCGGACAGGCTAATG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   55 AAGCGCAAGAGAGA 69
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA; CORGANISM: H. sapiens
US-09-144-367-43
   US-08-975-570-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 233
US-07-627-538-6
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US-UB-LIZ-159-9

Detent No. 5418150

GENERAL INFORMATION;

APPLICANT: Topal, Michael D.

APPLICANT: Topal, Michael J.

TITLE OF INVENTION;

MINNER OF SEQUENCES:

ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and ADDRESSEE: Grant D. Sibley; Bell, Seltzer, Park and STRET; No. 5418150th Carolina

COUNTRY: USA

COUNTRY: USA

COMPUTER READABLE FORM;

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: DEADABLE FORM;

MEDIUM TYPE: PatentIn Release #1.0, Version #1.25

CURSTRIANG SYSTEM: US/08/128,369

FILING DATE: 21-SEP-1933

CHASSIFICATION: 435-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.8%; Score 13.2; DB 1; Length 18; ilarity 83.3%; Pred. No. 2.2e+02; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                              0.8%; Score 13.2; DB 1; Length 18;
83.3%; Pred. No. 2.2e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REGISTRATION NUMBER: 5470-5A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-220
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYBE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         641 CTGGCGGTGGAGGCCGGC 658
                                                                                                                                                                                                                                                                                                                                       641 CTGGCGGTGGAGGCCGGC 658
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MOLECULE TYPE: DNA (genomic)
                                                                                                        DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 crácrácrácacacicado
                                                                                                                                                                                                                                                         Best Local Similarity 83.3
Matches 15; Conservative
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 15; Conserva
                                                                        linear
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Gaps
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0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SIREE:: LOUI MCKINDEY, SUITE 5100
CITY: Texas
COUNTRY: U.S.A.
ZIP: 77010-3055
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Patentin Release #1.0, Version #1.25
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,704
FILING DATE: 28-OCT-1993
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/053,027
FILING DATE: 23-APR-1993
ATTORNEY/AGRIT INFORMATION:
NAME: PALL THOMBER: MANDER: NAME: NAME: PALL THOMBER: NAME: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Rando, Robert F.
APPLICANT: Fennewald, Susan
APPLICANT: Zendegui, Joseph G.
APPLICANT: Zendegui, Joseph G.
APPLICANT: Josebua O. Ojwang
TITLE OF INVENTION: Anti-Viral Guanosine-Rich
TITLE OF INVENTION: Oligonucleotides
NUMBER OF EXQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski
STREET: 1301 MCKinney, Suite 5100
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9024005.2
FILING DATE: 05-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB91/01935
FILING DATE: 05-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Michael D. Bednarek
REGISTRATION NUMBER: 32,32
FELECOMUNICATION INFORMATION:
TELEPAX: 202-955-4900
TELEFAX: 202-955-4900
TELEFAX: 202-955-4900
TELEFAX: 202-955-4900
TELEFAX: 18 PAGE D NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: mucleic acid
TYPE: mucleic acid
TYPE: mucleic acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 42, Application US/08145704
Patent No. 5567604
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          673 CTACGAGTCCAAGGCACA 690
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-050-232-11
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                713/651-5246
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TITLE OF INVENTION:
TITLE OF INVENTION:
TORRESPONDENCE: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marks & Murase
STREET: 2001 L Street, N.W., Suite 750
CITY: Washington
STREET: D.C.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WO-COMPUTER: WS-DOS
SOFTWARE: WS-DOS
SOFTWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 13.2; DB 1; Length 18;
83.3%; Pred. No. 2.2e+02;
                                Sequence 10, Application US/08072063
Sequence 10, Application US/08072063
Patent No. 5439807
GENERAL INFORMATION:
APPLICANT: Grinna, Lynn S
APPLICANT: Horwitz, Arnold
TITLE OF INVENTION: BPI-Immunoglobulin Fusion Proteins
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: MATERIAL, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3; Indels
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ADDRESSED.
STATE: 1111inois
CITY: Citicago
STATE: 1111inois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: 19930519
ILING DATE: 19930519
CLASSIPICATION NUMBER: 36,989
REFERENCE DOCKET NUMBER: 312/474-6310

312/474-6410
THONS: 312/474-6410
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-050-232-11
; Sequence 11, Application US/08050232
Sequence 10, Application US/08050232
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELERAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDENNES: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 937 GCGCCTGCTCCTCACCGC 954
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Matches 15; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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US-08-072-063-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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10001844-3.rni

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Query Match

0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FOC compactable
OPERATING SYSTEM: FC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1 for Windows
CURRENT APPLICATION DATA:
RILING DATE: December 1, 1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,142
REFERENCE/DOCKET NUMBER: 37,142
REPERENCE/DOCKET NUMBER: 37,142
REPERENCE/DOCKET NUMBER: 93,1027
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-435-350-38

Sequence 38, Application US/08435350

SERVER INFORMATION:
CENERAL INFORMATION:
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature

1.CCATION: 1..18

COCHER INFORMATION: /note= "PRIMER 1-18"
US-08-161-673A-5
                                                                                                                                                                                 1545 GGGGGGCCGGGGGAGGGG 1562
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGACTGGGGTGAGGACGG 18
                                                                                                                                                                                                                                                         18 GGGGGGGGGGGGGG 1
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Best Local Similarity 83.3
Matches 15, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: IL
COUNTRY: US
ZIP: 60606
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US-08-161-673A-5
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3; Indels
                                                                                                                                                                                                          NAME/KEY: misc_feature

LOCATION: 18
COTHER INFORMATION: /note= "Amine moity attached to 3'
CHERE INFORMATION: end"
US-08-145-704-42
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OTHER INFORMATION: end and phosphorothloate backbone"
US-08-145-704-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITI.
STATE: Tex...
CUNTRY: US.A.
COUNTRY: US.A.
ZIP: 77010-3095
COMPUTER READBLE FORM:
MEDLINM TYPE: FOODPY disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BEATHIN FOLDS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,704
FILING DATE: 20-0CT-1993
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/053,027
FILING DATE: 23-APR-1993
ATTORNEY/AGENT INPORMATION:
NAMB: PAUL, THOOMES D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: 32,714
REFERENCE/COCKET NUMBER: 32,714
REFERENCE/COCKET NUMBER: 32,714
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMATION INFORMATION INFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 13. Application US/08145704

Patent No. 5567604

GENERAL INFORMATION

GENERAL INFORMATION

FAPPLICANT: Rendo, Robert F.

APPLICANT: Fennewald, Susan

APPLICANT: Joshua O. Ojwang

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRES:

ADDRESSE: Fulbright & Jaworski

STREET: 1301 McKinney, Suite 5100
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1545 GGGGGCCGGGGGAGGGG 1562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            18 GGGGGGGGGGGGGGG 1
                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
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MOLECULE TYPE: DNA (genomic)
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LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: 18
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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US-08-145-704-43/C
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Length 18;
                                                                                                                                                                                                                       | Sequence 5, Application US/08161673A
| Patent No. 5578716
| GENERAL INFORMATION:
| APPLICANT: Szyf, Moshe
| APPLICANT: Szyf, Moshe
| APPLICANT: Von Hofe, Eric
| TITLE OF INVENTION: Antisense Oligonucleotides Having
| TITLE OF INVENTION: Tumorigenicity-Inhibiting Activity
| NUMBER OF SEQUENCES: 12
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Banner & Allegretti, Ltd.
| STREET: 10 S. Wacker
| CITY: CALCAGO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 2.2e+02; tive 0; Mismatches 3; Indels
                                          Indela
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RESULT 242
US-08-483-122-7/c
US-08-483-122-7/c
Sequence 7, Application US/08483122
Patent No. 575038
Patent No. 575039
P
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0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
ATTORNEY/AGENT INFORMATION:

NAME: Meyers Thomas C.

REGISTRATION NUMBER: 36,989
REFERENCE/DOCKET NUMBER: 30659
TELECOMMUNICATION INFORMATION:

TELEFAX: 312/474-6300
TELEFAX: 312/474-6300
TELEFAX: 312/474-6300
TELEFAX: 25-3856
INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: CDNA
US-08-064-693-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                937 GCGCCTGCTGCTCACCGC 954
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US-08-483-122-7
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; Patent No. 5643570
; GENERAL INPORMATION:
; APPLICANT: Theofan, Georgia
APPLICANT: Grinna, Lynn S
; APPLICANT: Horwitz, Arnold
TITLE OF INVENTION: BPI-Immunoglobulin Fusion Proteins
NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
ADDRESSEE: Borun
; STREET: 6300 Sears Tower, 233 South Wacker
; CITY: Chicago
; STRIE: Illinois
; COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3; Indels
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage COMPUTER: READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage COMPUTER: Wordbericht (Version 5.0)

SOFTWARE: Wordberfect (Version 5.1)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,350

FLING DATE: 05-MAY-1995

CLASSIFICATION NUMBER: 07/936,531

FILING DATE: 05-MAY-1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg Nichard J.

REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 32,327

TELECOMMUNICATION INFORMATION:

TELEFAX: (213) 955-0440

TELEFAX: (213) 955-0440

TELERX: 67-3510

TELERX: 67-3510

TELERX: 67-3510

TENERMICE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

0.8%; Score 13.2; DB 1;
Best Local Similarity 72.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 2; Mismatches 3;
                                                               TITLE OF INVENTION: TREATMENT OF BREAST CANCER
                                                                                        NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1503 CCCTGCACCCGCTGGGCA 1520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 cccuccaaggccugggca 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-350-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 241
US-08-064-693-10
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B: WENDEROTH, LIND & PONACK
805 Fifteenth Street, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  673 CTACGAGTCCAAGGCACA 690
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , MOLECULE TYPE: DNA (genomic) US-08-661-767-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 202-371-8856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                         Washington
D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-117-952-745/c
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                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Weise, Samuel

APPLICANT: Reynolds, Brent A.

APPLICANT: Hammang, Joseph P.

APPLICANT: Baetge, Edward E.

TITLE OF INVENTION: In Vitro and In Vivo

TITLE OF INVENTION: Proliferation and Use of Multipotent

TITLE OF INVENTION: Neural Stem Cells and their Progeny

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Flahr, Hobbach, Test, Albritton

ADDRESSEE: Flahr, Hobbach, Test, Albritton

ADDRESSEE: A Harbert

STREET: San Francisco

STATE: California

COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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US-08-661-767-11
Sequence 11, Application US/08661767
Sequence 11, Application US/08661767
GENERAL INFORMATION:
APPLICANT: Adrian Vivian Sinton HILL
TITLE OF INFORMATION:
TITLE OF INFORMATION:
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CAPTER TEADABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: EN PC Compatible
COMPUTER: EN PC Compatible
CORECATION SYSTEM: FC-DOS/MS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,122
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: 35,081
REGISTRATION NUMBER: 35,081
REFERENCE/DOCKET NUMBER: 35,081
REFERENCE/DOCKET NUMBER: 35,081
REFERENCE/DOCKET NUMBER: 36,081
REGURANTION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                       US-08-483-122-8; Sequence 8, Application US/08483122; Patent No. 5750376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  148 CGAGATGCTGCTGCTGGC 165
                                                                                                                            148 CGAGATGCTGCTGCTGGC 165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-483-122-8
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 745, Application US/08117952

Patent No. 5851760:
GENERAL INFORMATION:
APPLICANT: Smith, Michael W.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: CA
COUTRY: USA
ZOUTRY: USA
ZONFUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
COMTRY: U.S.

CONTRY: U.S.

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUW TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/661,767

FILING DATE: Unme 11, 1996

CLASSIFICATION NUMBER: US/08/661,767

PRICE PRICE OF NUMBER: US/08/661,767

FILING DATE: 05-NOV-1990

PRICE APPLICATION NUMBER: WO PCT/GB91/01935

FILING DATE: 05-NOV-1991

ATTORNEY/AGENT INFORMATION:
NAME: Waarren M. Cheek, Ur

REGISTRATION NUMBER: 33,367

REJERENCE/COCKET NUMBER: 33,367

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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WESULY 147

WESULY 1247

WESULY 1247

WESULY 1247

WESULY 1247

WESULY 1247

BAPPLICANT: WESTS, Samuel

APPLICANT: Hammans, Joseph P

APPLICANT: Hammans, Joseph P

APPLICANT: Banapas, Samuel

ADDRESSEE: ADDRESS:

ADDRESSEE: ADDRESSEE: ADDRESS:

ADDRESSEE: ADDRESSEE: ADDRESS:

ADDRESSEE: 
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                                                                                                                                                                                                                                                                                                                  3; Indels
                                                                                                                                                                                                    Query Match

Ouss, Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                               148 CGAGATGCTGCTGGC 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         148 CGAGATGCTGCTGCTGGC 165
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TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: unkn
; TOPOLOGY: unknown; MOLECULE TYPE: CDNAUS-08-486-648-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CDNA
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Patent No. 5851832

GENERAL INFORMATION:
APPLICANT: Reynolds, Brent A.
APPLICANT: Hammang, Joseph P.
APPLICANT: Baetge, Edward E.
TITLE OF INVENTION: Use of Multipotent Neural Stem Cells and their Progeny
NUMBER OF SEQUENCES:
ADDRESSEE: Flehr, Hobbach, Test, Albritton
ADDRESSEE: Flehr, Hobbach, Test, Albritton
CITY: San Francisco
CITY: San Francisco
CITY: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
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COUNTRY: United States

IP: 94111-4187

COMPUTER REAPABLE FORD:

MEDIUM TYPE: Ploppy disk

COMPUTER: IBM PC compatible

OMPRATING SYSTEM: PC-DOS/MS-DOS

OFFRANTING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/486,648

FILING DATE: 07-JUN-1995

CLASSIPICATION: 435

ATTONRBY AGENT INFORMATION:

NAME: Brunelle Jan P.

REGISTRATION NUMBER: 35,081

REGISTRATION NUMBER: 35,081

REGISTRATION NUMBER: 35,081

TELEFRANCE/DOCKET NUMBER: 35,081

TELEFRANCE/DOCKET NUMBER: 35,081

TELEFRANCE/OFCET NUMBER: 35,081
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
     CLASSIFLACTION: 43.2

PRIOR APPLICATION: 43.2

APPLICATION NUMBER: US 08/078,471

FILING DATE: 15-UN-1993

ATTORNEY, AGENT INFORMATION:
NAME: Reiter, Stephen B.
REGISTRATION NUMBER: 31,192

REFERENCE, DOCKET NUMBER: P41 9423

TELECOMMUNICATION INFORMATION:
TELEPHORE: 619-546-939.

INFORMATION FOR SEQ ID NO: 745:
SEQUENCE CHARACTERISTICS:
ILBENTE: US 526-536.

TYPE: MUCIEL CALL

TYPE: TYPE: MUCIEL CALL

TYPE: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: Oligonucleotide; HYPOTHETICAL: NO ANTI-SENSE: NO US-08-117-952-745
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                11 CAGCGAGGGAGAGCGA 28
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US-08-486-648-7/c
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Gaps
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US-08-358-556A-24/C
Sequence 24, Application US/08358556A
Sequence 24, Application US/0835856A
Sequence 24, Application US/0835856A
Septicant No. 2869643
APPLICANT: Chatelain, Francois
TITLE OF INVENTION: Process for Preparing Polynucleotides on TITLE OF INVENTION: Implementation
TITLE OF INVENTION: Implementation
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                                 0.8%; Score 13.2; DB 1; Length 18; illarity 83.3%; Pred. No. 2.2e+02; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSE: Jacobson, Price, Holman & Stern STREET: Jacobson, Price, Holman & Stern STREET: Jacobson, Price, Holman & Stern STREET: Washington D.C. COUNTRY: U.S.A. 21P: Z0044

COUNTRY: U.S.A. 21P: Z0044

COMPUTER READABLE FORM: MEDIUM TYPE: Flogsy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Batentin Release #1.0, Version #1.25 CURRENT APPLICATION NUMBER: US/08/358,556A PLING DATE: 14-DEC-1994

CLASSIFICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993

APPLICATION NUMBER: RP 9315164
FILING DATE: 16-DEC-1993
ATTORNEY AGENT INFORMATION: NAME: Player, William E. REGISTRATION NUMBER: 10577/F58418
FELEPHONE: (202) 393-5350
TELEPHONE: GLABACTERISTICS: LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: oligonucleotides
                                                                      TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: single
                                                                                                                                                                                                                                                                                                                                                                                                                   436 CAGGCTGATGACTCAGAG 453
               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             18 caddccardacraacc 1
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                                     TELEPHONE: 202-371-8850
TELEFAX: 202-371-8856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 15; Conserva'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-875-445-11
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APPLICANT: Kanta SAKAMOTO

TITLE OF INVENTION: DETECTION OF THE GENUS PECTINATUS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth, Lind & Ponack
STREET: Weshington
CITY: Weshington
CITY: Weshington
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 kb
COMPUTER: BM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,445
FILING DATE: UJUY 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER:
TELEFHONE: 202-371-8856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 11, Application US/08875445

Batent No. 5869642

BAPLICANT: Kanta SAKAMOTO
TITLE OF INVENTION: DETECTION OF THE GENUS PECTINATUS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: Wenderoth, Lind & Ponack
STREET: 805 Fifteenth Street, N.W., #700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 kb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,445
FILING DATE: UJY 28, 1997
CLASSIFICATION: 415.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX:
TELEX:
TELEX:
SEQUENCE CHARACTERISTICS:
ENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLGY: linear
MOLECULE TYPE: oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              436 CAGGCTGATGACTCAGAG 453
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NAME: Lee Cheng
REGISTRATION NUMBER: 40,949
REFERENCE/DOCKET: NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.33
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 249
US-08-875-445-11/c
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Gaps
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US-08-481-876-5
i Sequence 5, Application US/08491876
i Patent No. 591972
i GENERAL INFORMATION:
APPLICANT: S2Y, Moshe
APPLICANT: S2Y, Moshe
APPLICANT: S2Y, Moshe
APPLICANT: Von Hofe, Eric
TITLE OF INVENTION: Tumorigenicity-Inhibiting Activity
NUMBER OF EQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Banner & Allegretti, Ltd.
STREE: 10 S. Wacker
CITY: Chicago
STATE: 10 S. Wacker
CITY: Chicago
STATE: 10 S. Wacker
COMPUTER RADDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWATING SYSTEM: PC-DOS/MS-DOS
SOFTWATING SYSTEM: PC-DOS/MS-DOS
SOFTWATING SYSTEM: PC-DOS/MS-DOS
SOFTWATING SYSTEM: PC-DOS/MS-DOS
SOFTWATION DATE: UND PT-D-S-DOS
SOFTWATION NUMBER: 31, 1995
CLASSIFICATION: NUMBER: 37, 142
REFERENCE/DOCKET NUMBER: 33, 1027-B
TELECOMMUNICATION INFORMATION:
COMPUTER READABLES

ZIP: 14203-2391

COMPUTER READABLES

COMPUTER READABLES

COMPUTER READABLES

COMPUTER READABLES

COMPUTER: Diskette, 3.5 inch

COMPUTER: Ind Compatible

SOFTING STATION NUMBER: US/08/74,973

FILLING DATE: October 1996

ATTORNEY/AGENT NUMBER: 03551.0021

TELECOMMUTCATION INFORMATION:

TELEFROME: (716) 856-4000

TELEFROME: (716) 849-0349

INFORMATION FOR EGI DI NO: 30 :

SEQUENCE CHARACTERISTICS:

LENGTH: IN INCOMPATICS:

LENGTH: INCOMPATICS:

LEN
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Best Local Similarity 83.3%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: lines MOLECULE TYPE: DN HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-734-973-30
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Patent No. 5891666

GENERAL INFORMATION:
APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
APPLICANT: Movin Genes Encoding LSIRF POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCES: 25
ADDRESSER: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
STRIET: Ontario
COUNTRY: Canada
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       Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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1800 One M&T Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Stoler, Daniel L.
APPLICANT: Basik, Mark
APPLICANT: Anderson, Garth R.
TITLE OF INVENTION: A Rapid Means For Quantitating
TITLE OF INVENTION: Genomic Instability
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hodgeon, Russ, Andrews, Woods & Goodye
STREET: 1800 One Mkr Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 30, Application US/08734973
Patent No. 5912147
                                                                                                                                                 1545 GGGGGCCGGGGGAGGGG 1562
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                                                                                                                                                                                                                    18 GGGGGGGGGGGGGGG 1
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US-08-611-280-15
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US-08-611-280-15
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Four Embarcadero Center, Suite 3400
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                                                 California
: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 83.3
Matches 15, Conservative
                              San Francisco
                                                                 COUNTRY: United
ZIP: 94111-4187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 0'CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; MOLECULE TYPE:
US-08-486-307-7
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US-08-486-307-8
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Sequence 7, Application US/08486307
GENERAL INPORMATION:
APPLICANT: Weiss, Samuel
APPLICANT: Reynolds, Brent A.
APPLICANT: Baetge, Edward E.
TITLE OF INVENTION: In Vitro and In Vivo
TITLE OF INVENTION: Project Sem Cells and their
TITLE OF INVENTION: Progeny
MUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: & Herbert
ADDRESSEE: & Herbert
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 12, Application US/08865126A

Batent No. 595537
GENERAL INFORMATION:
APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLIGOWERS.
TITLE OF INVENTION: OLIGOWERS.
TITLE OF INVENTION: OLIGOWERS.
TITLE TREPERENCE: GENTA, 020FW2
CURRENT FILING DATE: 1997-06-30
BARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
LENGTH: 18
BENDER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
LENGTH: 18
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                                                                                                                                                                                                                          Length 18;
                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-12
                                                                                                                                                                                                                     Score 13.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
                                                                                  | FEATURE:
| NAME/KEY:
| NAME/KEY: misc feature
| CACATION: 1..18
| OTHER INFORMATION: /note= "PRIMER 1-18"
| US-08-481-876-5
                                                                                                                                                                                                                                                                                                            212 GGACTGGCGTGCGGACCG 229
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                     Query Match
Best Local Similarity 83.3%;
Matches 15; Conservative (
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 254
US-08-885-126-12/c
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US-08-486-307-7/c
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Sequence 8, Application US/08486307

Patent No. 5980885

GENERAL INFORMATION:

APPLICANT: Weiss, Samuel

APPLICANT: Reynolds, Brent A.

APPLICANT: Baeege, Edward E.

TITLE OF INVENTION: In Vitro and In Vivo

TITLE OF INVENTION: Proliferation and Use of Multipotent

TITLE OF INVENTION: Project Sequence of TITLE OF INVENTION: Progeny

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Retrict Hobbach, Test, Albritton

ADDRESSEE: Pleart, Hobbach, Test, Albritton

ADDRESSEE: Pleart, Hobbach, Test, Albritton

ADDRESSEE: Pleart, Hobbach, Test, Albritton

ADDRESSEE: Pleart Hobbach, Test, Albritton

COMPUTRY: On Inted States

ZIP: 94111-4187

COMPUTER: ISW PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

FILING DATE:

APPLICATION NUMBER: US/08/486,307

FILING DATE:

APPLICATION NUMBER: US/08/486,307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 18;
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COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPPY disk
COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPPY disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
CORPTWARE: PatentIn Release #1.0, Version #1.30
SOSTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/486,307
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: US/08/486,307
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: A-61105-3/DJB/JPB
REGISCRATION NUMBER: A-61105-3/DJB/JPB
TELECOMMUNICATION INFORMATION:
TELEFRANCE/DOCKET NUMBER: A-61105-3/DJB/JPB
TELEFRANCE/DOCKET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 2.2e+02;
tive 0; Mismatches 3;
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Gaps
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S-09-289-376-9

S-09-289-376-9

Sequence 9, Application US/09289376

Patent No. 6013788

GENERAL INFORMATION:
APPLICANT: Brett P. Monia

APPLICANT: Lex M. Coweert

TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION
FILE REPERBERICS: RTS-0043

CURRENT FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 9

LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 30, Application US/09289376
Batent No. 6013788
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
ITILE OF INVERTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION
FILE REPERENCE: TIS-0043
CURRENT FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 30
LENGTH: 18
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                          Pred. No. 2.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-09-289-376-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: Antisense Oligonucleotide US-09-289-376-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/09185437; Patent No. 6054439; GENERAL INFORMATION: APPLICANT: VON HOFE, Eric
                                                                            1194 TCACGGCCCAGGGCACCA 1211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                814 GGACCGCGTGCTGGCGGC 831
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 114 ACGGGGACAGCTCGGAAG 131
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Best Local Similarity 83.3%;
Matches 15; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                        Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                              18 rcccccccacarcacca
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US-09-289-376-30/c
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US-09-185-437-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 14, Application US/09205860
Patent No. 5981732
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REPERENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
LENGTH: 18
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US-09-205-91-34/C

1 Sequence 34, Application US/09205921A

2 Patent No. 6008048

3 GAPERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
TILE REPERENCE: RTS-0028

CURRENT APPLICATION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
CURRENT FILING DATE: 1998-12-04

NUMBER OF SEQ ID NOS: 47

LENGTH: 18
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Score 13.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred, No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FRATURE:
THER INFORMATION: Antisense Oligonucleotide
US-09-205-921-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-14
                                                                                                                                                                                                                                                                                                                                                             148 CGAGATGCTGCTGCTGGC 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             603 CTGACCGCGACCGCAGCA 620
                                                                                                                                                                                                                                                                                                                                                                                              1 ceaecrearececreec 18
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                                                                                                                                                                                                                                                                                         0.8%;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.33
Matches 15; Conservative
                                                                                                                                                                                                                  TOPOLOGY: unknown // MOLECULE TYPE: cDNA US-08-486-307-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 257
US-09-205-860-14
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Patent No. 6071889

GENERAL INFORMATION:
APPLICANT: Weiss, Samuel
APPLICANT: Reynolds, Brent A.
APPLICANT: Reynolds, Brent A.
APPLICANT: Baetge Edward E.
ITILE OF INVENTION: In Vitro and In Vivo
TITLE OF INVENTION: Proliferation and Use of Multipotent
TITLE OF INVENTION: Neural Stem Cells and their Progeny
NUMBER OF SEQUENCES. 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton
APPLICANT: Energian Colliformia
COUNTRY: United States
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STREET: Califormia
COUNTRY: United States
STREET: Fleppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
FILING DATE: O7-UNN-1995
              PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                   A-61105-6/DJB/JPB
                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,795
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brunelle, Jan P.
REGISTRATION NUMBER: 35.081
REFERENCE/DOCKET NUMBER: A-61105-6/D.
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
ITELERAX: 910 277299
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                148 CGAGATGCTGCTGCTGGC 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Brunelle, Jan P.
REGISTRATION NUMBER: 35,081
REFERENCE/DOCKET NUMBER: A-4
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18 ceaecrearececreec 1
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TELERA: 910 277299
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , MOLECULE TYPE: CDNA
US-08-479-795-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 JS-08-479-795-8
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Sequence 73-7.7

Batent No. 6071889

GENERAL INFORMATION:
APPLICANT: Weiss Samuel
APPLICANT: Reynoids, Brent A.
APPLICANT: Reynoids, Brent A.
APPLICANT: Baetge, Edward E.
ITILE OF INVENTION: In Vitro and In Vivo
TITLE OF INVENTION: Proliferation and Use of Multipotent
ITILE OF INVENTION: Neural Stem Cells and their Progeny
NUMBER OF SEQUENCES. 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton
ADDRESSEE: Flehr, Hobbach, Test, Albritton
ADDRESSEE: Rerbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
0.8%; Score 13.2; DB 1; Length 1
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES HAVING TITLE OF INVENTION: TUMORIGENICITY-INHIBITING ACTIVITY CORRESPONDENCES: 12
CORRESPONDENCE ADDRESS: ADDRESSE: HALE AND DORR LLP STREET: 60 State Street CITY: Boston
                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: THE PC Compatible
COMPUTER: THE PC Compatible
CORERATIOS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/185,437
FILING DATE: 17-FEB-1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: KEONN, WAYNE A.
REGISTRATION NUMBER: 106.101.138
REGISTRATION NUMBER: 106.101.138
TELEFRONEE, 617 526 6000
TELEFRANCE/DOCKET NUMBER: 106.101.138
TELEFRANCE GLARACTERISTICS:
LEMOGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; NAME/KEY: misc_feature
; LOCATION: 1..18
; OTHER INFORMATION: /note= "PRIMER 1-18"
US-09-185-437-5
                                                                                                                                                                                                MA
: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94111-4187
COMPUTER READABLE FORM:
REDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     212 GGACTGGCGTGCGGACCG 229
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                     02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-479-795-7/c
                                                                                                                                                                                                STATE: M. COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 262
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Gaps

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Length 18;

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Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: 10-20-20.
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM IYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/987,574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Rando, Robert F.
APPLICANT: Fennewald, Susan
APPLICANT: Zendegul, Joseph G.
APPLICANT: Ojwang, Joshua O.
APPLICANT: Hogan, Michael E.
TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature

10CATION: 18

COTHER INFORMATION: /note= "Amine moity

OTHER INFORMATION: attached to 3' end"
US-08-987-574-42
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04529
FILING DATE: 28-OCT-1993
APPLICATION NUMBER: PCT/US94/04529
FILING DATE: 28-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5574-CIP
TELECOMMUNICATION INFORMATION:
FILING DATE: 28-OCT-1993

APPLICATION NUMBER: US 08/053,027
FILING DATE: 23-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: PAUL, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5574-CIP
TELECOMMUNICATION INPORMATION:
TELEPHONE: 713/651-5151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski
STREET: 1301 McKinney, Suite 5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-987-574-43/c
; Sequence 43, Application US/08987574
; Patent No. 6150339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1545 GGGGGCCGGGGAGGGG 1562
                                                                                                                                                                                                                  TELERAX: 713/651-5246
TELEX: 762829
INFORMATION FOR SEQ ID NO: 42: SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear NOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 eccececececece 1
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                                                                                                                    Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                   Sequence 44, Application US/09143212B
Batent NO. 6077672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowmert
TITLE OF INVENITON: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
NUMBER OF SEQ ID NOS: 87
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: TEXAS
COUNTRY: TO.S.A.
ZIP. 10.S.A.
ZIP. 17010-3095
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAETERINE RELEASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/987,574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-011 50-574-42/c

Sequence 42, Application US/08987574
Feather No. 6150339
GENERAL INFORMATION:
APPLICANT: Rando, Robert F.
APPLICANT: Fennewald, Susan
APPLICANT: Fennewald, Susan
APPLICANT: Ojwang, Joshua O.
APPLICANT: Hogan, Michael E.
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 5
CORRESPENDENCES: 5
CORRESPEDENDENCES: ADDRESSE: ADDRESSE: ADDRESSE: Libright & Jaworski
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04529
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1368 GCGGGGCGGCGCGCA 1385
                                                                                                                                                                                                                    148 CGAGATGCTGCTGCTGCC 165
                                                                                                                                                                                                                                                                   1 ccacgrarccccriccc 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
STRANDEDNESS: unknown
                  TOPOLOGY: unknown;
MOLECULE TYPE: CDNA
US-08-479-795-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Houston
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US-09-143-212-44
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Page 94

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Gaps
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Pred. No. 2.2e+02;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREE.

CITY: House,
STATE: Texas
COUNTRY: U.S.A.

COUNTRY: U.S.A.

COMPUTER READABLE FORM:
MEDIUM TYPE: TIDEPY disk
COMPUTER: TEMP FO COMBALLE
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN BATA:
APPLICATION NUMBER: US/08/515,168
FILING DATE:
CLASSIFICATION NUMBER: US/08/515,168
FILING DATE:
FILING DATE:
SPECARATOR NUMBER: US/08/510,17

FILING DATE: 23-AFR.1993
ATTORNEY AGENT INFORMATION:
REGISTRATION NUMBER: US/08/51,017
FILING DATE: 13-AFR.1993
ATTORNEY AGENT INFORMATION:
REGISTRATION NUMBER: 23-AFR.1993
ATTORNEY AGENT INFORMATION:
REFERENCE DOCKET NUMBER: D-5574-CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/621-5151
TELEPHONE: 713/621-5151
TELEPHONE: 1713/621-5161
TELEPHONE: TIDER CHARACTERISTICS:
LENGTH: 18 Dase pairs
TYPE: INCORPATION POR SEQ ID NO: 42:
LEDGTH: US DASE PAIRS
TYPE: INCORPATION TONESS: Single
TYPE: INCORPATION
THERMET APPRICATION
THERMET APPRICATION
THERMET APPRICATION
THERMET TONESS: SINGLE
TYPE: INCORPATION
THERMET APPRICATION
THERMET APPRICATION
THERMET APPRICATION
THERMET TONESS: SINGLE
TYPE: INCORPATION
THERMET APPRICATION
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THERMET APPRICATION
THERMET TONESS: SINGLE
TYPE: INCORPATION
THERMET APPRICATION
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THERMET APPRICATION
THERMET APPRICATION
THERMET TONESS: SINGLE
THERMET APPRICATION
THERMET A
                                                                                                                                                                                                  Sequence 42, Application US/08535168
; Sequence 42, Application US/08535168
; Patent No. 6.048450
; GENERAL INFORMATION:
APPLICANT: Rando, Robert F.
APPLICANT: Candegui, Joseph G.
APPLICANT: Ojwang, Joshua G.
APPLICANT: Ojwang, Joshua G.
APPLICANT: Hogan, Michael B.
TITLE OF INVENTION: Anti-Viral Guanosine-Rich
TITLE OF INVENTION: Oligonucleotides
NUMBER OF ENCURNES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pulbright & Jaworski
STREET: 1301 McKinney, Suite 5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: misc_feature
LOCATION: 18
OTHER INFORMATION: /note= "Amine moity
OTHER INFORMATION: attached to 3' end"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 269
US-08-535-168-43/c
; Sequence 43, Application US/08535168
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         212 GGACTGGCGTGCGGACCG 229
                                                                     1 GGACTGGGGTGAGGACGG 18
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Best Local Similarity 83.3%;
Matches 15; Conservative (
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US-08-535-168-42/c
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0
                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature

LOCATION: 18

COTHER INFORMATION: /note= "Amine moity

OTHER INFORMATION: attached to 3' end and phosphorothioate

OTHER INFORMATION: backbone"

US-08-987-574-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match

0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Syzf, Moshe
TITLE OF INVENTION: INHIBITION OF DNA METHYLTRANSFERASE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSE: HALE AND DORR LLP
STREET: 60 State Street
CITY: Boston
STREET: MA
COUNTRY: United States of America
ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CZIF: 02109

CZPP: 02109

CZPP: 02109

MEDIUM TYPE: Floppy disk

COMPUTER: BM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/652,425

FILING DATE: 30-MAY-1996

CLASSIPICATION NUMBER: 13,923

REFERENCE/DOCKET NUMBER: 33,923

REFERENCE/DOCKET NUMBER: 106.101.161

TELECOMMULCATION INPORMATION:

TELEPHONE: (617) 526-6000

TELEPHONE: (617) 526-5000

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1545 GGGGGCCGGGGGAGGGG 1562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18 GGGGGGGGGGGGGG 1
                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic) PEATURE:
TELEPHONE: 713/651-5151
TELEFA: 713/651-5246
TELEX: 762829
INFORMATION FOR SEQ ID. NO: 43
SEQUENCE CHARACTERISTICS:
ENGTH: 18 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                       linear
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MOLECULE TYPE: D
HYPOTHETICAL: NO
J ANTI-SENSE: NO
US-08-652-425-3
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10001844-3.rni

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CURRENT FILING DATE: 1997-10-21

EARLIER APPLICATION NUMBER: PCT/GB95/02851

EARLIER FILING DATE: 1995-12-06

EARLIER FILING DATE: 1994-12-06

MUMBER: OF SEQ ID NOS: 16

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 11

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: synthetic

US-08:849-488-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
APPLICANT: Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Canada Inc.
STREET: Angen Canada Inc.
STREET: Alssissauga Road, Suite 303
CITY: Mississauga
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3, Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/195,940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 2.2e+02;
tive 0; Mismatches 3;
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ZIP: L5N 6JB
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/611,280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 15, Application US/09195940 Patent No. 6258935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
ATTORNEY/AGENT INPORMATION:
NAME: Oleski, Nancy A.
REGISTRATION NUMBER: 34,688
REPRENCE/DOKET UNMBER: A-336
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      124 CTCGGAAGTCATCAGTTC 141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                502 GCCAGGAGTGAAACTGCG 519
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Matches 15; Conservative
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: CDNA
US-09-195-940-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-195-940-15
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LOCATION: 18
OTHER INFORMATION: \(^\text{Location}\) \(^\text{Location
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: HOUSEON
CITY: HOUSEON
COUNTRY: U.S.A.
ZITE: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEB PC compatible
COMPUTER: IEB PC compatible
COMPUTER: PERPORTION DATA:
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,168
FILING DATE: CASSTFICATION DATA:
APPLICATION NUMBER: PCT/US94/04529
FILING DATE: 28-OCT-1993
ATPONENTY/AGENT INFORMATION:
PILING DATE: 23-APR-1993
ATPONENTY/AGENT INFORMATION:
NAME: PAUL, Thomas D.
REGISTRATION NUMBER: 32,714
REBRENCE/DOCKET NUMBER: 32,714
REBRENCE/DOCKET NUMBER: 32,714
RELEPRANTION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAK: 713/651-5546
                                                                         APPLICANT: Rando, Robert F.
APPLICANT: Fennewald, Susan
APPLICANT: Zendewald, Susan
APPLICANT: Joseph G.
APPLICANT: O'wang, Joseph G.
APPLICANT: O'wang, Joseph G.
APPLICANT: Hogan, Michael E.
TITLE OF INVENTION: Anti-viral Guanosine-Rich
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11, Application US/08849488
Begener II, Application US/08849488
Barent No. 6238670
GENERAL INFORMATION:
APPLICANT: Fearon, Douglas T.
APPLICANT: Dempsey, Paul W.
TITLE OF INVENTION: Modulasting the Immune Response
FILE REFERENCE: A-64962/MID/DAV
CURRENT APPLICATION NUMBER: US/08/849,488
                                                                                                                                                                                                                                                                                                                                                                                                                      E: Fulbright & Jaworski
1301 McKinney, Suite 5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1545 GGGGGCCGGGGGAGGGG 1562
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MOLECULE TYPE: DNA (genomic)
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TELEX: 76829
INFORMATION FOR SEQ ID NO: 47
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                      INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Fulk
STREET: 1301 MC
CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 270
US-08-849-488-11/c
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Gaps
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                                                                      APPLICANT: Theofan, Georgia
APPLICANT: Theofan, Georgia
APPLICANT: Theofan, Lynn S
APPLICANT: Grinna, Lynn S
APPLICANT: Horwitz, Arnold
TITLE OF INVENTION: BPI-Immunoglobulin Fusion Proteins
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Borun
STREET: 6300 Sears Tower, 233 South Wacker
CITY: Chicage Borun
STREET: 6300 Sears Tower, 233 South Wacker
CITY: Chicage Borun
STREET: 6300 Sears Tower, 233 South Wacker
CITY: Chicage Borun
STREET: 6300 Sears Tower, 233 South Wacker
CITY: Chicage Borun
STREET: 6300 Sears Tower, 233 South Wacker
CITY: Chicage Borun
STREET: 65006 CA02
COMPUTER: Elbopy disk
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 18;
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Pred. No. 2.2e+02;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-90-017-974-42/c
US-90-017-974-42/c
| Sequence 42, Application US/09017974
| Patent No. 6288042
| GENERAL INFORMATION:
| APPLICANT: Rando, Joshua O. |
| APPLICANT: Ojwang, Joshua O. |
| APPLICANT: Hogan, Michael E. |
| APPLICANT: Gosum, Paul A. |
| TITLE OF INVENTION: Anti-Viral Guanosine-Rich |
| TITLE OF INVENTION: Tetrad Forming Oligonucleotides |
| NUMBER OF SEQUENCES: 88 |
| CORRESPONDENCE ADDRESS: ADDRESSE: Conlev Pro-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
PAPLICATION NUMBER: 08/064,693
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Meyers Thomas C.
REGISTRATION NUMBER: 36,989
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPAX: 312/474-0448
  ), Application US/08885366 6274348
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Best Local Similarity 83.3%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Texas
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-885-366-10
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                                                                                                                                                                     PARLET NO. 9.29.1/9
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Castro, Stephanie
TITLE OF INVENTION: NUMBER: US/09/437,076
CURRENT APPLICATION NUMBER: US/09/437,076
CURRENT PILING DATE: 1999-11-09
EARLIER APPLICATION NUMBER:
EARLIER PILING DATE: SOFTWARE: Word for Windows
SOFTWARE: Word for Windows
SOFTWARE: Word for Windows
SEQ ID NO 3
LINGENT: 18
TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL IN GRANTION:

APPLICANT: Barber-Guillem, Emilio
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Castro, Stephanie
TITLE OF INVENTION: NANOCYPETALS having polynucleotide strands and their use to form
CURRENT APPLICATION NUMBER: US/09/437,076
CURRENT FILING DATE: 1999-11-09
EARLIER APPLICATION NUMBER:
EARLIER FILING DATE:
NUMBER OF SEQ ID NOS: 6
SEQ ID NO SEG ID NOS: 6
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                                                                                                                           Sequence 3, Application US/09437076
Patent No. 6261779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 273
US-05-437-076-4/c
'Sequence 4, Application US/09437076
'Patent No. 6261779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1545 GGGGGCCGGGGGAGGGG 1562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1546 GGGGCCGGGGAGGGGC 1563
1 GCTAGAAGTGAAACTGAG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 274
US-08-885-366-10
                                                                           RESULT 272
US-09-437-076-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY:
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## ASPLICATION | APPLICATION |

Sequence 7, Application US/08464406
| Sequence 7, Application US/08464406
| Sequence 7, Application US/08464406
| Patent No. 629436
| GENERAL INFORMATION:
| APPLICANT: Resynoids, Brent A. APPLICANT: Hammang, Joseph P. APPLICANT: Bactgo, Edward E. ITILE OF INVENTION: In Vitro and In Vivo Proliferation and TITLE OF INVENTION: Use of Multipotent Neural Stem Cells and their Progeny NUMBER OF SEQUENCES: 8
| APPRESSEE: A Herbert Albritton ADDRESSEE: A Herbert ALBREAS: ADDRESSEE: A Herbert ADDRESSEE: A Herbert ADDRESSEE: A Herbert ADDRESSEE: A HERBERT ADJUNCED OF TITLE OF INVENTION BATCH ADDRESSEE: A HERBERT ADJUNCED OF TITLE OF THE ADDRESSEE: A HERBERT ADJUNCED OF TITLE OF THE ADDRESSEE: A HERBERT ADJUNCED OF TITLE OF THE ADJUNCED OF TITLE OF THE ADJUNCED OF TITLE OF THE ADJUNCED OF THE ADJUNCT OF TH
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LOCATION: 18

OTHER INFORMATION: /note= "Amine moiety
OTHER INFORMATION: attached to 3' end and phosphorothioate;
OTHER INFORMATION: backbone"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ch 0.8%; Score 13.2; DB 1; Length 18; 1 Similarity 83.3%; Pred. No. 2.2e+02; 15; Conservative 0; Mismatches 3; Indels
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/037,374
PILING DATE: 04-FEB-97
APPLICATION NUMBER: 60/037,374
PILING DATE: 09-DEC-97
ATTORNEG DATE: 09-DEC-97
ATTORNEG DATE: 09-DEC-97
NAME: McDaniel, C. Steven
REGISTRATION NUMBER: 13,962
REFERENCE/DOCKET NUMBER: 1472-06223
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1545 GGGGGCCGGGGGAGGGG 1562
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
Matches 15; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Rando, Robert F.
APPLICANT: Ojwang, Joshua O.
APPLICANT: Ojwang, Joshua O.
APPLICANT: Ojwang, Joshua E.
APPLICANT: Cossum, Paul A.
TITLE OF INVENTION: Anti-Viral Guanosine-Rich
TITLE OF INVENTION: Tetrad Forming Oligonucleotides
NUMBER OF SEQUENCES: 88
CORRESCONDENCE ADDRESS:
ADDRESSE: Conley, Rose & Tayon, P.C.
STREET: 660 Travis, Suite 1800
CITY: Houston
STATE: Texas
COMPUTER: Display disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS Word 97 (saved as .txt file)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/017,974
FILING DATE:
    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS Word 97 (saved as .txt file)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/017,974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
CACATION: 18
OTHER INVERMATION: /note= "Amine moiety
OTHER INFORMATION: attached to 3' end"
                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/037,374
FILING DAYE: 04-FBE-97
APPLICATION NUMBER:
FILING DAYE: 09-DEC-97
ATTORNEY/AGENT INFORMATION:
NAME: MCDANIE!, C. Steven
REGISTRATION NUMBER: 33,962
REFERENCE/DOCKET NUMBER: 1472-0f
TELEPAN: 713/238-8010
TELEPAN: 713/238-8010
TELEPAN: 13/238-8008
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 Base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 276
US-09-017-974-43/c
; Sequence 43, Application US/09017974
; Patent No. 6288042
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-017-974-42
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RESULT 279
US-08-700-530-4/c
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US-08-484-406-8

Sequence 8, 294346

Patent No. 6294346

Patent No. 6294346

Patent No. 6294346

PAPLICANT: Weiss, Samuel

APPLICANT: Reynolds, Brent A.

APPLICANT: Reynolds, Brent A.

APPLICANT: Bacego, Edward B.

TITLE OF INVENTION: Use of Multipotent Neural Stem Cells and their Progeny NUMBER OF SEQUENCES:

NUMBER OF SEQUENCES:

ADDRESSEE: Flebr, Hobbach, Test, Albritton

ADDRESSEE: Flebr, Hobbach, Test, Albritton

CITY: San Francisco

STATE: California

COUNTRY: United States

ZIP: 94111-487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MUDIUM TYPE: FILDPY disk
MUDIUM TYPE: FILDPY disk
MUDIUM TYPE: FILDPY disk
COMPUTER READABLE FORM:
MUDIUM TYPE: PLODS/NS-DOS
SOFTWARE: PATENTIN BATCH
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,406
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAMMS: Brunelle, Jan P.
REGISTRATION NUMBER: 35,081
REGISTRATION NUMBER: 35,081
REGISTRATION NUMBER: 35,081
REFERENCE/DOCKET NUMBER: A-61105-5/DJB/JPB
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             148 CGAGATGCTGCTGCTGGC 165
TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 7
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; WOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: unkno
TOPOLOGY: unknown
MOLECULE TYPE: CDNA
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Sequence A Application US/08700830

Sequence No. 6315166

SEQUENCE NO. 631516

SEQUEN
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Gaps
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OTHER INFORMATION: /note= "Amine moiety
OTHER INFORMATION: attached to 3' end and phosphorothioate
OTHER INFORMATION: backbone"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 13.2; DB 1; Length 18;
83.3%; Pred. No. 2.2e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 87

CORRESPONDENCE ADDRESS:
ADDRESSEE: CONIEY, ROSE & TAYON, P.C.
STREET: 600 Travis, Suite 1850
CITY: Houston
STREET: 600 Travis, Suite 1850
CITY: Houston
STREET: FORM:
COUNTRY: U.S.A.
ZIF: 17002-2912
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: MS Windows 95
SOFTWARE: MS WORD 97 (saved as .txt file)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/429,130
FILING DATE: 28-Oct-1999
CLASSIFICATION: <UNEMPOND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Anti-Viral Guanosine-Rich
                                                                                                                                       AFFLICATION NUMBER: 00/015,/14
FILING DATE: 17-AFRIL-96
APPLICATION NUMBER: 60/016,271
FILING DATE: 23-AFRIL-96
ATTORNEY/AGENT INFORMATION:
NAME: McDaniel, C. Steven
REGISTRATION NUMBER: 33-962
REFERENCE/DOCKET NUMBER: 31-962
REFERENCE/DOCKET NUMBER: 1472-06214
TELEPHONE: 713/238-8010
TELEPAX: 713/238-8010
TELEPAX: 13/238-8010
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25-MARCH-96
19-MARCH-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rando, Robert F.
Fennewald, Susan
Zendegui, Joseph G.
Ojwang, Joshua O.
Hogan, Michael E.
Pommier, Byves
Mazumder, Abhijit
60/015,714
                                                APPLICATION NUMBER: 60/013,688
FILING DATE: 19-MARCH-96
APPLICATION NUMBER: 60/015,714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-429-130-42/c
; Sequence 42, Application US/09429130
; Patent No. 6355785
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1545 GGGGGCCGGGGAGGGG 1562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18 GGGGGGGGGGGGGGG 1
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LOCATION: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 83.3
Matches 15, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-682-255A-43
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0.8%; Score 13.2; DB 1; Length 1B;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rando, Robert F.
APPLICANT: Rando, Robert F.
APPLICANT: Pennewald, Susan
APPLICANT: Pennewald, Susan
APPLICANT: Pennewald, Susan
APPLICANT: Pennewald, Susan
APPLICANT: Pomeirs, Joseph G.
APPLICANT: Pomeirs, Eves
APPLICANT: Pomeirs, Eves
APPLICANT: Mazumder, Abhijit
TITLE OF INVENTION: Oligonuclectides
NUMBER OF SEQUENCES: 87
CORRESPONDENCES: 87
CORRESPONDENCES: 87
CORRESPONDENCES: 87
CORRESPONDENCES: 87
COTTY: Houston
STATE: Texas
COUNTYE: U.S.A.
STATE: U.S.A.
STA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: 18
OTHER INFORMATION: /note= "Amine moiety
OTHER INFORMATION: attached to 3' end"
APPLICATION NUMBER: 60/013,688
FILING DATE: 19-MARCH-96
FILING DATE: 17-APRIL-96
FILING DATE: 17-APRIL-96
APPLICATION NUMBER: 60/016,271
FILING DATE: 23-APRIL-96
ATTORNEY JARENT INFORMATION:
NAME: McDaniel, C. Steven
REGISTRATION NUMBER: 33,962
REFERENCE/DOCKET NUMBER: 1472-06214
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: 713/238-8008
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-682-255A-43/c
; Sequence 43, Application US/08682255A
; Patent No. 6323185
; PAREAL INFORMATION;
APPLICANT: Rando, Robert F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1545 GGGGGCCGGGGGAGGGG 1562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOFOLOGY: linear MOLECULE TYPE: DNA (genomic) FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18 dedededededededed 1
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NESCUE

US-09-562-466-15

Sequence 15, Application US/09562466

Patent No. 636920.

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Matsuyama, Toshifumi

Grosman, Alex

Richardson, Christopher D.

TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES

NUMBER OF SEQUENCES: 25

CORRESONDENCE ADDRESS:

CORRESONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CONTENT ADDRESSEE: Anguen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
STREET: 0733 Mississauga Road, Suite 303
STREET: Ontario
COUNTRY: Canada
ZIP: LSN 6JB
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: TBM PC Compatible
COMPUTER: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 2.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 18 -
OTHER INFORMATION: /note= "Amine moiety
attached to 3' end and phosphorothioate
                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: McDaniel, C. Steven
REGISTRATION NUMBER: 33,962
REFERENCE/DOCKET NUMBER: 1472-06214
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/238-8010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
APPLICATION NUMBER: US/09/429,130
FILING DATE: 28-Oct-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                               FILING DATE: «Unknown»
APPLICATION NUMBER: 60/001,505
FILING DATE: 19-UULY-95
APPLICATION NUMBER: 60/014,007
FILING DATE: 25-MARCH-96
APPLICATION NUMBER: 60/013,688
FILING DATE: 19-MARCH-96
APPLICATION NUMBER: 60/016,271
FILING DATE: 17-MARCH-96
FILING DATE: 17-MARCH-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO: 43:
                                                                                                                                                                                                                APPLICATION NUMBER: 08/682,255
                                                                                             25-MARCH-96
19-MARCH-96
                                                                                                                                                                   23-APRIL-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLGGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 713/238-8008
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              18 GGGGGGGGGGGGGGG
                                                                                                                                                                                          PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-429-130-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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0.8%; Score 13.2; DB 1; Length 1
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: TEXAS

COUNTRY: U.S.A.

ZIP: 77002-2912

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC COMPATIBLE

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: MS Windows 95

SOFTWARE: MS WORD 97 (saved as .txt file)

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Fennewald, Susan
Zendegui, Joseph G.
Ojwang, Joshua O.
Hogan, Michael E.
Pommier, Eyves
Mazunder, Abhijit
60/015,714 Anti-Viral Guanosine-Rich
TITLE OF INVENTION: Anti-Viral Guanosine-Rich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: /note= "Amine moiety attached to 3' end"; SEQUENCE DESCRIPTION: SEQ ID NO: 42: US-09-429-130-42
                                                                                                                                                                                                                               FILING DATE: 19-MARCH-96
APPLICATION NUMBER: 60/016,271
FILING DATE: 17-APRIL-96
ATTORNEY/AGENT INFORMATION:
NAME: McDaniel, C. Steven
REGISTRATION NUMBER: 33,962
REGISTRATION NUMBER: 1472-06214
TELECOMUNICATION INFORMATION:
TELEPHONE: 713/238-8010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Conley, Rose & Tayon, P.C.
STREET: 600 Travis, Suite 1850
CITY: Houston
                                                                                        FILING DATE: «UNKHOWN»
APPLICATION NUMBER: 60/001,505
APLING DATE: 19-JULY-95
APLING DATE: 19-RE: 60/114,007
FILING DATE: 25-MARCH-96
APPLICATION NUMBER: 60/013,688
                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/682,255
                         23-APRIL-96
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US-09-429-130-43/c
'Sequence 43, Application US/09429130
'Patent No. 6355/85
'GENERAL INFORMATION:
'APPLICANT: Rando, Robert F.
'Result Result Result F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1545 GGGGGCCGGGGGAGGGG 1562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 713/238-8008
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Gaps

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US-08-484-203-8
Sequence 8, Application US/08484203
Sequence 8, Application US/08484203
Sequence 8, Application US/08484203
Sequence 8, Application US/08484203
Sequence 9, Se
                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                    Length 18;
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                                                                                                                                                                                                                              3; Indels
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC Compatible
OPERATING SYSTEM: PC-DCS/MS-DCS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,203
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
                                                                                                                                           Score 13.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Brunelle, Jan P.
REGISTRATION NUMBER: 35,081
REFERENCE/DOCKET NUMBER: A-61105-10/DJB/JFB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 287
US-08-486-313-7/c
i Sequence 7, Application US/08486313
; Patent No. 6497872
; GENERAL INFORMATION:
APPLICANT: Weiss, Samuel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       148 CGAGATGCTGCTGGC 165
                                                                                                                                                                                                                                                                                                            148 CGAGATGCTGCTGCTGGC 165
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                                                                                                                                           Query Match
Best Local Similarity 83.3%;
Matches 15; Conservative
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TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: unknown MOLECULE TYPE: CDNA US-08-484-203-8
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                 ; MOLECULE TYPE:
US-08-484-203-7
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Jeacent New No. 639309

Jeacent New No. 639309

Jeacent New No. 639309

Jeacent New No. 63000

Jeacent No. 630
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/562,466
FILING DATE: 01-May-2000
CLASSIFICATION: cUnhown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/195,940
FILING DATE: cunhnown>
ATTORNEY/AGENT INFORMATION:
NAME: Oleski, Nancy A.
REGISTRATION NUMBER: 34,688
REFERRNCE/DOCKET NUMBER: 3-338A
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHRARCTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: CDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-562-466-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  502 GCCAGGAGTGAAACTGCG 519
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: unknown
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US-08-484-203-7/c
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TYPE: DNA
ORGANISM: Homo Sapiens
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TOPOLOGY: unkr

MOLECULE TYPE: C
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US-09-422-978-9962/C
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US-08-486-313-8

is Sequence 8, Application US/08486313

is Patent No. 6497872

is Patent No. 6497872

is GENERAL INFORMATION:

APPLICANT: Reynolds, Brent A. APPLICANT: Beetge, Edward E. APPLICANT: Beetge, Edward E.

i APPLICANT: Beetge, Edward E.

i TITLE OF INVENTION: In Vitro and In Vivo Proliferation

TITLE OF INVENTION: Progeny

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Flehr, Hobbach, Test, Albritton

ADDRESSEE: Flehr, Hobbach, Test, Albritton

STREET: Four Embarcadero Center, Suite 3400

CITY: San Prancisco

STATE: California

COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
0
APPLICANT: Reynolds, Brent A.
APPLICANT: Hammang, Joseph P.
APPLICANT: Baetge, Edward B.
TITLE OF INVENTION: In Vitro and In Vivo Proliferation
TITLE OF INVENTION: and Use of Multipotent Neural Stem Cells and their
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Teet, Albritton
ADDRESSEE: Flehr, Hobbach, Teet, Albritton
ADDRESSEE: Flehr, Hobbach, Teet, Albritton
CITY: San Francisco
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STREET: Four Embarcadero
COUNTRY: United States
ZIP: 94111-4187
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floopy disk
COMPUTER: ISM PC Compatible
OPREATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 35,081
FILING DATE: 07-UNA-1995
CLASSIFICATION NUMBER: 35,081
RECISTRATION NUMBER: 35,081
RECISTRATION NUMBER: 35,081
TELEPHONE: (415) 398-1249
TELEPHONE: GLASCET NUMBER: A-61105-11/DJB/JPB
TELEPHONE: GLASCET NUMBER: A-61105-11/DJB/JPB
TELEPHONE: GLASCET NUMBER: A-61105-11/DJB/JPB
TELEPHONE: GLASCET NUMBER: SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TTELEPHONE: LENGTH: 18 base pairs
TTELEPHONE: LENGTH: 18 base pairs
TTELEPHONE: LENGTH: LENG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8 Best Local Similarity 83.3 Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: unknown MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-486-313-7
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RESULT 289
US-09-422-970-5274/C
is generor 5274, Application US/09422978
is generor 5274, Application in Section 10  
APPLICANT: Cohen, Daniel
is APPLICANT: Blumenfeld, Marta
APPLICANT: Chemakov, Ilya
ititle OF INVENTION: Biallelic markers for use in constructing a high density...
ititle OF INVENTION: Biallelic markers for use in constructing a high density...
ititle REFERENCE: GENEET. 1909-10-20
is EARLIER FILING DATE: 1999-04-21
is CARLIER FILING DATE: 1990-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,313
FILING DATE: US/08/48710N:
NAME: Brunelle, Jan P.
REGISTRATION NUMBER: 35,081
REGISTRATION NUMBER: 35,081
FERENCOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEFAX: (415) 388-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

Outline 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.2; DB 1;
Pred. No. 2.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           148 CGAGATGCTGCTGGC 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          433 GGACAGGCTGATGACTCA 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ccaccicarccccrccc 18
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Best Local Similarity 83.3%;
Matches 15; Conservative (
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Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                  ADDKES TO SEATE TO SEATE TO STREET: 6300 SeaTE TO STREET: 6300 SeaTE TO STREET: 6300 SeaTE TO STATE: 1111nois COUNTRY: USA
ZIP: 6066-6402
COMPUTER: 1111nois
COMPUTER: 18M PC COMPATIBLE FORM:
MEDIUM TYPE: PROPY disk
COMPUTER: 18M PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PARCHILIN RELEASE #1.0, Version #1.25
CURRENT APPLICATION NUMBER: PCT/US93/04754
FILING DATE: 19930519
CLASSIFICATION: 19930519
CLASSIFICATION: NUMBER: 36,999
REFERENCE TO NUMBER: 30659
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPHONE: 312/474-6448
                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & ADDRESSEE: Borun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 17-JULY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Conley, Rose & Tayon, P.C.
STREET: 600 Travis, Suite 1850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Rando, Robert F.
APPLICANT: Fennewald, Susan
APPLICANT: Zendegui, Joseph G.
APPLICANT: Ojwang, Joshua O.
APPLICANT: Hogan, Michael E.
APPLICANT: Pommier, Eyves
APPLICANT: Pommier, Eyves
TITLE OF INVENTION: Anti-Vixal Guanosti
TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 42, Application PC/TUS9611786 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 937 GCGCCTGCTGCTCACCGC 954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GCACCTGCTACTGACCGC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAX: 312/474-0448
TELEX: 25-3856
INPORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Houston
STATE: Texas
COUNTX: U.S.A.
ZIP: 77002-2912
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy d:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDAL
STREET: 600
TTV: Houston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: primer_bind;
COCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-8499 for SEQ 2097, in compleme US-09-422-978-9662
                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
INTILE OP INVENTION: Blumenfeld, Marta
FILE REPERRENCE: GENSET. 020cPl
FILE REPERRENCE: GENSET. 020cPl
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
BARLIER FILING DATE: 1999-04-21
BARLIER FILING DATE: 1999-04-21
BARLIER FILING DATE: 1998-11-23
BARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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US-09-298A-25/C
Sequence 25, Application US/09679298A
Sequence 25, Application US/09679298A
Setent No. 6566131
GENERAL INFORMATION:
APPLICANT: Bret P. Monia
APPLICANT: Lex M. COWEST
ITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
FILE REPRERENCE RTS-0045
CURRENT FILING DATE: 2001-03-05
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 47
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.2; DB 1; Length 18;
Pred. No. 2.2e+02;
0; Mismatches 3; Indel8
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PCT-US93-04754-10
; SEQUEAL 10. Application PC/TUS9304754
; GENERAL INFORMATION:
APPLICANT: Theofan, Georgia
APPLICANT: Grinna, Lynn S
; APPLICANT: Horwitz, Arnold
; APPLICANT: BPLICANT: BPLICANT:
; APPLICANT: BY PERION S
; APPLICANT: APPLICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-09-679-298A-25
Sequence 9962, Application US/09422978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1366 CCGCGGGGGCGCGCGG 1383
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.34
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapiens
                                   Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Da
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
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REGISTRATION NUMBER:
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                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/535,168; 60/014,007; 60/013,688;
APPLICATION NUMBER: US 08/535,168; 60/014,007; 60/013,688;
FILING DATE: 23-0CT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
FILING DATE: APRIL-96; 17-APRIL-96
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
TELEPHONE: 133,962
REFERENCE/DOCKET NUMBER: 1472-06214
TELEPHONE: 713/238-8010
TELEPHONE: 713/238-8010
INFORMATION FOR SEQ ID NO: 42: SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TTYPE: nucleic acid
STRANDEDNESS: single
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PARTOR APPLICATION DATA:
PAPPLICATION NUMBER: 08/015,14; 60/011,505; 60/014,007; 60/013,688;
APPLICATION NUMBER: 60/015,714; 60/016,271
FILING DATE: 23-0CT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
FILING DATE: APRIL-96; 17-APRIL-96
ATTORNEY AGENT INFORMATION:
NAME: McDaniel, C. Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.8%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 2.2e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.

COUNTRY: U.S.A.

COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: PCT/US96/11786
FILING DATE: 17-JULY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT-US96-11786-43/c
; Sequence 43, Application PC/TUS9611786
; Sequence 43, Application PC/TUS9611786
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
APPLICANT: Pennewald, Susan
; APPLICANT: Ojwang, Joseph G.
APPLICANT: Ojwang, Joseph G.
APPLICANT: Hogan, Michael E.
APPLICANT: Mazumder, Bytes
; APPLICANT: Mazumder, Abhijit
TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Conley, Rose & Tayon, P.C.
STREET: 600 Travis, Suite 1850
CITY: HOUSEON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 18 -
OTHER INFORMATION: /note= "Amine moity;
OTHER INFORMATION: attached to 3' end"
PCT-US96-11786-42
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1
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MOLECULE TYPE: DNA (genomic)
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
  CLASSIFICATION
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REGISTRATION NUMBER: 33.962.4

REGISTRATION NUMBER: 33.962.4

TELECOMMUTICATION NUMBER: 33.962.4

TELECOMMUTICATION NUMBER: 43.1

TELECOMMUTICATION NUMBER: 43.2

TELECOMMUTICATION NUMBER: 43.1

TELECOMMUTICATION NUMBER: 43.2

TELECOMMUTICATION NUMBER: 43.1

TELECOMMUTICATION NUMBER: 43
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Sequence 35, Application US/08554612C
Patent No. 5747660
GENERAL INFORMATION:
APPLICANT: OFLICKY, David
TITLE OF INVENTION: PROSTAGLANDIN F2' RECEPTOR REGULATORY
TITLE OF INVENTION: PROTEIN AND THERAPEUTIC USES
OCRRESPONDENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13; DB 1; Length 13;
Pred. No. 1e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER: 3.5" Diskette, 1.44 Mb storage
COMPUTER: 18M Compatible
COMPUTER: 18M Compatible
COMPUTER: 18M Compatible
COMPUTER: 18M COMPATIBLE
COMPATING SYSTEM: 18M P.C. DOS (Version 5.0)
SOFTWARE: Wordberfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/634,262
FILING DATE: CLASSIFICATION NUMBER: US/07/987,133
FILING DATE: WAY 14, 1992
APPLICATION NUMBER: 07/982,921
FILING DATE: September 18, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
                                       US-09-634-262-23
; Sequence 23, Application US/09634262
; Patent No. 6440719
; GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHEOD AND REAGENT FOR
; TITLE OF INVENTION: INMIBITING HERPES SIMPLEX
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEX: (7-3510
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 92.3%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1293 GCCTGGCGCACGC 1305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                             STREET: 611 West SITEET: Los Angeles STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-554-612C-35/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-634-262-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
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0
                                                                                                                                                   Query Match 0.8%; Score 13; DB 1; Length 13; Best Local Similarity 92.3%; Pred. No. 1e+02; Matches 12; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 13; DB 1; Length 13; 92.3%; Pred. No. 1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: WordPerfect (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURREMY APPLICATION DATE:
APPLICATION NUMBER: US/09/340,861
                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PILING DATE:
CLASSIPICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
PILING DATE:
APPLICATION NUMBER: 07/882,921
PILING DATE: MAY 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPAK: (213) 489-1600
TELEFAK: (213) 489-1600
TELEFAK: (213) 489-1600
TELEFAK: 67-3510
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 13
                                                                                                                                                                                                                                        1293 GCCTGGCGCACGC 1305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1293 GCCTGGCGCACGC 1305
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Best Local Similarity 92.3
Matches 12; Conservative
SEQUENCE CHARACTERISTICS
                  LENGTH: 13
TYPE: nucleic acid
STRANDEDNESS: single
US-08-623-891-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: nucleic acid
; STRANDEDNESS: singl
; TOPOLOGY: linear
US-09-340-861-23
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0; Gaps

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869 CACTITCCIGGAC 880
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 cacriricingae 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 302
US-08-181-664-18/c
                                                                                           SEQ ID NO 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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US-002-202-806-11/c
15-202-205-860-11/c
5 Sequence 11, Application US/09205860
5 Sequence 11, Papilication US/09205860
6 SEMBRAL INFORMATION:
7 TILLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
7 FILE REPREBRUE: RTS-0031
7 CURRENT APPLICATION WHORER: US/09/205,860
7 CURRENT APPLICATION WHORER: US/09/205,860
7 CURRENT PILING DATE: 1998-12-04
7 SEQ ID NOS: 87
7 LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ..
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US-09-344-579-42
Sequence 42, Application US/09344579
Patent No. 6054316
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. COMSert
TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
FILE REFERENCE: RTS-0063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 18;
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0.8%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13; DB 1; Length 17;
Pred. No. 2.1e+02;
0; Mismatches 0; Indels
                                                                                                                                                                                                  CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/554,612C

FILING DATE: No. 5747660ember 6, 1995

CLASSIFICATION: 536

ATTORNEY/AGENT INPORMATION:

NAME: Sherwood, Pemela 8,677

REFERENCE/POCKET NUMBER: 36,677

REFERENCE/POCKET NUMBER: 36,677

TELECOMMUNICATION INFORMATION:

TELECOMMUNI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-205-860-11
                           ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0%; Pi
Matches 13; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1373 GGCGGCGGCGCA 1385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         154 GCTGCTGCTGGCG 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18 GGCGGCGGCGCA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15 GCTGCTGCTGGCG 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-554-612C-35
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       a
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US-09-422-978-5498

Sequence 5498, Application US/09422978

Facent to . 653751

APPLICANT: Coten, Daniel

APPLICANT: Coten, Daniel

APPLICANT: Chemakov, Ilya

TUTLE OF INVENTION: Biallelic markers for use in constructing a high density...

TURBENT FILIA GENERAL 1990-1020

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT APPLICATION NUMBER: US 09/298,850

EARLIER PILING DATE: 1999-04-21

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21
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NAMEKEY: primer_bind
LOCATION: 1..18
COTHER INFORMATION: upstream amplification primer 99-4681 for SEQ 1564,
US-09-422-978-5498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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Patent No. 6025127
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: HISTOLOGIC TISSUE
TITLE OF INVENTION: HISTOLOGIC TISSUE
TITLE OF SEQUENCES:
TITLE OF SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 18;
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Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.8%; Score 13; DB 1; Le
100.0%; Pred. No. 2.4e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:

CHER INFORMATION: Antisense Oligonucleotide

US-09-344-579-42
CURRENT APPLICATION NUMBER: US/09/344,579
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                      LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1246 GGTCATCGAGGAG 1258
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Sequence 15, Application US/08281940
| Patent No. 5589330
| GENERAL INFORMATION:
| APPLICANT: SHUBANTON:
| TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC TITLE OF INVENTION: DISEASE ANALYSIS
| TITLE OF INVENTION: DARBY P.C. |
| TITLE OF INVENTION: DARBY P.C. 
               RESULT 304
US-08-064-400B-14
US-08-064-400B-14
| Sequence 14, Application US/08064400B
| Patent No. 5559028
| GENERAL INFORMATION:
| TITLE OF INVENTION: Regulation of Antigen Presentation
| NUMBER OF SEQUENCE:
| NUMBER OF SEQUENCES:
| ADDRESSEE: Kevin M. Farrell, P.C.
| STREET: P.O. Box 999
| CITY: York Harbor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 12.8; DB 1; Length 17;
87.5%; Pred. No. 2.38+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER REACABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/064,400B
FILING DATE: May 19, 1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: FRIETCATION NUMBER: REH93-01
TELECOMMONICATION INFORMATION:
TELECOMMONICATION INFORMATION:
TELEPAX: 207-363-0558
INFORMATION FOR EQUID NO: 14:
SEQUENCE CHRAACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1306 GCTCCTGGCTGCACTG 1321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-064-400B-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 GCTCCTGGCTGAATG 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8
Best Local Similarity 87.5
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-281-940-15/c
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Sequence 5649, Application US/09371772B

Sequence 5642, Application US/09371772B

Sequence 5642, Application US/09371772B

Sequence 5642, Application US/09371772B

Sequence 5642, Application US/0937172B

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: McMars: US/09/371,772B

CURRENT PEPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1996-08-10

PRIOR APPLICATION NUMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US/09/371,772B

SOFTWARE: PatentIn Version 3.0

SEQ ID NO 5649

LENGTH: 16

TYPE: RNA

TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 12.8; DB 1; Length 16; Best Local Similarity 87.5%; Pred. No. 1.9e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 1; Mismatches 2; Indels
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAtible
OPERATING SYSTEM: PC-DOS/W3-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,664
FILING DATE: JANUARY 14, 1994
CLASSIFICATION 14, 1994
CLASSIFICATION WHERE: DA.D. John R.
REGISTRATION NUMBER: 13,678
REPERANZY/CERY NUMBER: PD-3055
TELEPHONE: (619) 455-5100
TELEPHONE: (619) 455-5100
TELEPHONE: (619) 455-5100
TELEPHONE: (619) 455-5100
TELEPHONE: GARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1417 CGCTCCGGGTGCGGGG 1432
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          919 GACGCGGGAGCCGCGC 934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cácucasacacacadas 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ), NAME/KEY: CDS
; LOCATION: 1..16
US-08-181-664-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 303
US-09-371-772B-5649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-371-772B-5649
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Query Match 0.8%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 2.3e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                             0.8%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 2.3e+02; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: ALLEMA: DATE: ALLEMA: DATE:
REGISTRATION NUMBER: HITACHI.011CP2
TELEPHONICATION NUMBER: HITACHI.011CP2
TELEPHONICATION NUMBER: HITACHI.011CP2
TELEPHONICS: 714-760-9502
INPORMATION PRORMATION:
TELEPHONE: 714-760-9502
INPORMATION PRORMATION:
TELEPHONE: 714-760-9502
INPORMATION PROR SEQ ID NO: 459:
SEQUENCE CHRACTERISTICS:
CENTH: 17 base pairs
TYPE: nucleic cid
STRANDBRESS: double
STRANDBRESS: double
STRANDBRESS: double
STRANDBRESS: double
TIME TO STRANDBRESS: double
STRANDBRESS: double
TO STRANDBRESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach Center Drive 16th Floor CITY: Newport Beach COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-379-078-459/c

Sequence 459, Application US/08379078

Patent No. 5639612

GENERAL INFORMATION:

APPLICANT: Mitsuhashi, Masato

APPLICANT: Cooper, Allan

TITLE OF INVENTION:

MUMBER OF SEQUENCES: 726

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 308
US-08-486-408-4/c
; Sequence 4, Application US/08486408
; Patent No. 5716846
                                                                                                                                                                                                                                                                                                                                                    1514 CTGGGCATGGCGGTCA 1529
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                                                                                                                                                                                                                                                                                                                                                                                                               17 crácacarácacagrea
                                                                                                                                                                                                                    Query Match 0.8
Best Local Similarity 87.5
Matches 14; Conservative
                                                       ORGANISM: Homo sapien
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MOLECULE TYPE: CD
                                                                                      IMMEDIATE SOURCE:
CLONE: R347HM
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HYPOTHETICAL: N
HYPOTHETICAL: NO
HYPOTHETICAL: NO
HYPOTHETICAL: NO
US-08-379-078-459
                                                                                                                                                     US-08-281-940-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 307
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MEDIUM TYPE: Floppy disk
COMPUTER: BM PC Compatible
COMPUTER: EN PC Compatible
COMPUTER: PatentIn Felease #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,940
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LUDWIG, S. PETER
REGISTRATION NUMBER: 25351
REFERENCE/POCKET NUMBER: 25351
REFERENCE/POCKET NUMBER: 0372/03696
TELEFPANICATION:
TELEFPANICATION: 1NFORMATION:
TELEFPANICATION: TELEFPANICATION:
TELEFPANICATION: TELEFPANICATION:
TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: TELEFPANICATION: 
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LUDWIC, S. PETER
REGISTRATION NUMBER: 25351
REGISTRATION NUMBER: 25351
REPERENCE/DOCKET NUMBER: 0372/09696
TELEPHONE: 212/527-7700
TELEPHONE: 212/53-6237
TELEFA: 23669
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1514 CTGGGCATGGCGGTCA 1529
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INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapien
i IMMEDIATE SOURCE:
CLONE: R347PM
US-08-281-940-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDESS: SINGI
TOPOLOGY: linear
MOLECULE TYPE: CDNA
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: CDNA
ORIGINAL SOURCE:
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US-08-710-134-15/c
US-08-710-134-15/c
US-08-710-134-15/c
Patent No. 5834181
GENERAL INDORMATION:
FILLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSES: Genzyme Corporation
STREET: One Mountain Road
CITY: Framingham
STRATE: Massachusetts
COUNTRY: USA
ZIP: 01701
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: BA FEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 18 Floppy disk
COMPUTER: 18 Floppy disk
COMPUTER: 18-SEP-1996
CTRRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/710,134
FILING DATE: 13-SEP-1996
CLASSIFICATION: WUMBER: 37,315
REGISTRATION NUMBER: 37,315
REGISTRATION NUMBER: 163-8.1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage COMPUTER: 1BM COMPUTED: 5.0 SOFTWARE: FeatSeq Version 1.5 CURRENT APPLICATION DATE: 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0.008 / 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 UCGGGUUCGGAGCCGC 17
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 75.0
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 310
US-08-710-134-15/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
US-08-758-306-795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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                                                       APPLICANT: Brown, Steven Joel
APPLICANT: Brown, Steven Joel
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: WETHOD FOR INHIBITING CELLULAR
TITLE OF INVENTION: MENA
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 795, Application US/08758306
Patent No. 5807743
GENERAL INPORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASLSEQ Version 1.5
CURRENT APPLICATION UNDERS: US/08/486,408
FILING DATE: 07-4UN-1995
CLASSIPICATION: 435
PRIOR APPLICATION NUMBER: US/08/486,408
FILING DATE: TOTOMAR:
APPLICATION NUMBER: US/08/486,408
FILING DATE: TRORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36,510
REFERBNCE/DOCKET NUMBER: GBLOOP
TELECOMUNICATION INPORMATION:
TELECHOME: 619-535-2807
TELERPHONE: 619-546-7929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 574 CGAGGGCGGCGCAGTG 589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: linear
US-08-486-408-4
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ZIP: 90071-2066
                               GENERAL INFORMATION:
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US-08-758-306-795
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17 CTGCCCATGGCGGTCA 2
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-485-885-15
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Patent No. 5834181

GENERAL INFORMATION:
GENERAL TOO.
TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genryme Corporation
STREET: One Mountain Road
CITY: Framingham
CITY: Pramingham
STATE:
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                                                                                                                                                                                Query Match 0.8%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 2.3e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CCUNTRY:

ZIP: 01701

COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/710,134
FILING DATE: 13-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENY INFORMATION:
NAME: DUGGA, Deborah A:
REGISTRATION NUMBER: 37,315
REFERENCE/POCKET NUMBER: 37,315
REDECOMPUTICATION NUMBER: 37,315
TELECOMPUTICATION NUMBER: 1G5-8.1
TELECOMPUTICATION NUMBER: 1G5-8.1
TELECOMPUTICATION NUMBER: 1G5-8.1
TELECOMPUTICATION NUMBER: 37,315
REPRENCE/DOCKET NUMBER: 1G5-8.1
TELECOMPUTICATION NUMBER: 37,315
REPRENCE/DOCKET NUMBER: 37,315
REPRENCE/DOCKET NUMBER: 37,315
REPRENCE/DOCKET NUMBER: 1G5-8.1
TELECOMPUTICATION NUMBER: 1G5-8.1
SERVICE SOR 872-8415
STATORNEY SOR 872-8415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
STRANDE Ilinear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides"
                                      TOPOLOGY:

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Oligonucleotide"
US-08-710-134-15
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US-08-485-885-15/c
'Sequence 15, Application US/08485885
'Patent No. 5849483
'GENERAL INFORMATION:
'APPLICANT: SHUBER, ANTHONY P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1514 CTGGGCATGGCGGTCA 1529
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                                                                                                                                                                                                                                                                                                                                           17 creccerrecerca 2
                                 single
TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 311
US-08-710-134-32/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-710-134-32
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TITLE OF INVESTION: SEGURACES OR CENERIC ALTERATIONS IN NUCLEIC ACIDS (NUMBER OF SIGNEDCES: 05 CONTINUED OF INVESTION: SEGURACES OR CENERIC ALTERATIONS IN NUCLEIC ACIDS (NUMBER OF SIGNEDCES: 05 CONTINUED OF SIGNEDCES: 05 CONTINUES: 05 CONTIN
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US-08-665-259-42
US-08-665-259-42
| Sequence 42, Application US/08665259
| Patent No. 6028173
| GENERAL INFORMATION:
| APPLICANT: Landes, Timochy C. | APPLICANT: Dackowski, William R. APPLICANT: Van Raay, Terence J. APPLICANT: Van Raay, Terence J. APPLICANT: Van Raay, Terence J. APPLICANT: Kinger, Katherine W. TITLE OF INVENTION: OOMPOSITIONS, METHODS OF MAKING AND USING SAME NUMBER OF SEQUENCES: 73
| CORRESPONDENCE ADDRESS: ADDRESS: GENZYME CORPORATION CORPOSATION CORPOSATION CORPUSED CORPORATION CORPUSED CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ò
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ZEP: 01701

COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,259
FILING DATE: 17-JUN-1996
CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
MARME: DUGAN, Deborah A.
REGISTRATION NUMBER: IG5-9.1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 316
US-08-665-259-55
Sequence 55, Application US/08665259
Parent No. 6028173
APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy C.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Van Raay, Terence J.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
                                                                 574 CGAGGGCCGCGCAGTG 589
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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Setting 10. Sequence 10. Seq
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides"
US-08-485-885-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FRASESQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/975,570
REFERENCE/DOCKET NUMBER: GEN4-12.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/486,408
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CB1009
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                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEPHONE: 508-872-8415
INFORMATION: 508-872-8415
INFORMATION FOR SEQ ID NO: 32: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1514 CTGGGCATGGCGGTCA 1529
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: TOPOLOGY: linear
US-08-975-570-4
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FILLING CASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/665,259
FILLING DATE: 17-UUN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-762-500-55
; Sequence 55, Application US/08762500
; Patent No. 6030806
; GENERAL INFORMATION:
APPLICANT: Landes, Gregory M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     788 AAGCTGGTGAAGGACC 803
                    09-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 87.5
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-762-500-42
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US-08-762-500-42

I Sequence 4.2, Application US/08762500

| Patent No. 6030806
| GENERAL INPORMATION:
| PAPPLICANT: Landes, Gregory M. APPLICANT: Connors, Timothy D. APPLICANT: Connors, Timothy D. APPLICANT: William R. APPLICANT: Kinger, Ratherine W. APPLICANT: Wan Ray, Terence J. APPLICANT: NOWEL HUMAN CHROMOSOME 16 GENES, TITLE OF INVENTION: NOWEL HUMAN CHROMOSOME 16 GENES, ADDRESSE: GENZYME CORPORATION STREET: One Mountain Road CITY: Framingham STREET: One Mountain Road CITY: Pramingham STREET: United States of America COMPUTER READABLE FORM:
| MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATION STREET: DEADABLE FORM: MEDIUM TYPE: Ploppy disk COMPUTER: IBM PC COMPATION STREET: DEADABLE FORM: SOFTWARE: Patentin Release #1.0, Version #1.30
| CURRENT APPLICATION DATA: US/08/762,500
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS: 73
ADDRESSEE: GRANZHE CORPORATION
STREET: ONe Mountain Road
CITY: Framingham
STATE: Massachusette
COUNTRY: United States of America
ZIP: 01701
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: USING COMPATE: 1070V10 DATA:
APPLICATION DATA:
COMPUTER: USING SYSTEM: USING SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,259
FILING DATE: 17-JUN-1996
CURRENT APPLICATION NUMBER: 137.315
RESTENATION NUMBER: 37.315
RETERANCE/DOCKET NUMBER: 37.315
REFERENCE/DOCKET NUMBER: 37.2-8400
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDENGES: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gape
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 12.8; DB 1;
87.5%; Pred. No. 2.3e+02;
trive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             788 AAGCTGGTGAAGGACC 803
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Best Local Similarity 87.5°
Matches 14; Conservative
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APPLICANT: Landes, Gregory M.
APPLICANT: Landes, Gregory M.
APPLICANT: Landes, Timothy C.
APPLICANT: Connor: Timothy C.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Van Raay, Terence J.
APPLICANT: Van Raay, Terence J.
APPLICANT: Van Raay, Werence J.
APPLI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 12.8; DB 1; Length 17;
87.5%; Pred. No. 2.3e+02;
tive 0; Mismatches 2; Indels
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ALDERSES:
ALDERSES:
ALDERSES:
CITY:
Framingham
STREET:
COUNTRY:
COUNTRY:
COUNTRY:
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER:
CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "oligonucleotide primer"
FILING DATE: 17-70N-1996
FILING DATE: 17-70N-1996
PRICA PAPLICATION DATA:
PRICATION NUMBER: PCT/US96/10469
FILING DATE: 17-70N-1996
ATTORNEY/AGENT INFORMATION:
NAME: DAGA: 18-70N-1996
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: 165-9.3
TELEPHONE: (508) 872-8400
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCleic acid
TYPE: NUCleic acid
TYPE: NUCleic acid
TYPE: STRANDENESS: single
```

Gaps

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Sequence 54, Application US/09324867A

Sequence 54, Application US/09324867A

Patent No. 6221632

GENERAL INFORMATION:

APPLICANT: Lillicasp, David

APPLICANT: Cameron, Charie

APPLICANT: No. 62516321ey, Colleen

APPLICANT: Hough, Christine Hoyle

APPLICANT: Hough, Christine Factor VIII Gene, Protein and Methods of Use

FILE REPRENCE: 1660,0010002/JAG/BJD

CURRENT APPLICATION NUMBER: US/09/324,867A

CURRENT FILING DATE: 1999-06-03

EARLIER APPLICATION NUMBER: 60/039,953

EARLIER PILING DATE: 1999-00-059

MUMBER OF SEQ ID NOS: 63

SEQ ID NO SEQ ID NOS: 63

SEQ ID NO SEC ID NOS: 63

LEAGURE PATENTING PATE: 2.0
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0.8%; Score 12.8; DB 1; Length 17;
Local Similarity 87.5%; Pred. No. 2.3e+02;
hes 14; Conservative 0; Mismatches 2; Indels
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US-07-974-409C-72/C
; Sequence 72, Application US/07974409C
; Patent No. 630058
; GENERAL INFORMATION:
APPLICANT: Akitaya, Tatsuo
APPLICANT: Mitshbashi, Masato
APPLICANT: Copper, Allan
TITLE OF INVENTION: METHOD AND REAGENT
TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
NUMBER OF SEQUENCES: 457
CORRESPONDENCE ADDRESSE:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 12.8; DB 1; Best Local Smilarity 56.2%; Pred. No. 2.3e+02; Matches 9; Conservative 5; Mismatches 2;
BARLIER FILING DATE: 1997-01-23
; BARLIER APPLICATION NUMBER: 08/373,124
; BARLIER FILING DATE: 1995-01-13
; BARLIER PILING DATE: 1995-01-13
; BARLIER PILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 17
; TYPE: RNA
CORGANISM: Homo sapiens
US-08-998-099-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA (CREANISM: Synthetic oligonucleotide US-09-324-867-54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1287 CCTTCCGCCTGGCGCA 1302
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US-09-324-867-54
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CITY: Ne
STATE: C
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Matches
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US-08-998-099-32/C

i Sequence 32, Application US/08998099A

i Patent No. 6103800

i GENERAL INFORMATION:

i APPLICANT: JARVIS. THALE

i APPLICANT: STINCHCOMB, DAN T.

i TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES

i TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS

i TITLE OF INVENTION: US O8/998,099A

cURRENT APPLICATION NUMBER: 60/037,658

i EARLIER PILING DATE: 1997-01-23

i EARLIER PILING DATE: 1997-01-23

i EARLIER PILING DATE: 1997-01-13

i EARLIER PILING DATE: 1994-05-18

i NUMBER OF SEQ ID NOS: 375

con T. N.C. 200 1D NOS: 375

con T. N.C. 200 1D NOS: 370

con T. N.C. 200 1D N
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; Sequence 49, Application US/08998099A
; Gent No. 6103890
; GENERAL INFORMATION:
APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REPERENCE 231/175
; CURRENT APPLICATION NUMBER: US/08/999,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                              , MULECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
US-08-762-500-55
   REFERENCE/DOCKET NUMBER: 1G5-9.3
                             TELECOMOUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEPAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTER.ESTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANBEDNES: single
TOPOLOGY: linear
TOPOLOGY: linear
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      786 CCAAGCTGGTGAAGGA 801
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; ORGANISM: Homo sapiens
US-08-998-099-32
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US-08-998-099-49
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Gaps

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Query Match 0.8%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 2.3e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Beinchcomb, Jam T.
APPLICANT: Stinchcomb, Jam T.
APPLICANT: Stinchcomb, Jam T.
APPLICANT: Becobed, Jame TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
COUNTY: US.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: STORM: IBM P.C. DOS 5.0
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION NUMBER: 60/005,974
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213, 499-1600
           29473/35824
REFERENCE/DOCKET NUMBER: 29473/3582
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEPHONE: (312) 474-6448
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
TOPOLOGY: linear
DESCRIPTION: /desc = "DNA oligo"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1462, Application US/08584040 Patent No. 6346398 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (213) 489-1600
TELEX: 67-3510
INFORMATION FOR ENG ID NO: 1462:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        762 CGGTGCACCTGGAGCA 777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-584-040-1462/c
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US-09-364-707A-6
IS Gaquence 6, Application US/09364707A
Patent No. 6310191
Patent No. 6310191
Patent No. 6310191
Patent No. 6310191

APPLICANT: Collins, John
APPLICANT: Roettgen, Peter
TITLE OF INVENTION: Libraries
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREE: 213 South Wacker Drive/6300 Sears Tower
CITY: Chicago
STRYE: 111inois
COUNTRY: United States of America
ZIP: 60606
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OMPUTER: DatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,707A
FILING DATE: 30-011-1999
PRILNG DATE: 31-3N-199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
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                                           COMPUTER EARABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CORPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLASSIPICATION: 43
ATTION: 44
ATTION: 714-760-9502
INFORMATION: FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      642 TGGCGGTGGAGGCCGG 657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16 redecerecacecae 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
     COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 323
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Query Match 0.8%; Score 12.8; DB 1; Length 17; Best Local Similarity 68.8%; Pred. No. 2.3e+02; Matches 11; Conservative 3; Mismatches 2; Indels
Sequence 3971, Application US/08584040
| Sequence 3971, Application US/08584040
| Patent No. 6346398
| GENREAL INFORMATION:
| APPLICANT: MCSAYIGGEN, James
| APPLICANT: MCSAYIGGEN, James
| APPLICANT: MCSAYIGGEN, James
| APPLICANT: Escobedo, Jaime
| TITLE OF INVENTION: MEATHOD AND REAGENT FOR THE
| TITLE OF INVENTION: MCNDITIONS RELATED TO LEVELS
| TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
| TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
| TITLE OF INVENTION: GROWTH FACTOR
| TITLE OF INVENTION: GROWTH FACTOR
| TITLE OF INVENTION: Second Street
| TITLE OF INVENTION: GROWTH FACTOR
| TITLE OF INVENTION: GROWTH FACTOR
| TITLE OF INVENTION: BSOOT CONDITION: GROWTH FACTOR
| TITLE OF INVENTION: BSOOT CONDITION: GROWTH FACTOR
| TITLE OF INVENTION: BSOOT CONDITION: GROWTH FACTOR
| TITLE OF INVENTION: BWE FIFTH STREET
| SAILE CONDITION: STREET: GAILGATION STREET: GAILGATION NUMBER: GO/OSS 974
| FILING DATE: GAIDARY 11, 1996
| CLASSIFICATION NUMBER: GO/OSS 974
| FILING DATE: GAIDARY 11, 1996
| CLASSIFICATION NUMBER: GO/OSS 974
| FILING DATE: GAIDARY 11, 1996
| CLASSIFICATION NUMBER: 32,327
| REFERENCE/DOCKET NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ASOLIS 2.

ASOLIS 2.

Sequence 7869, Application US/08584040

Sequence 7869, Application US/08584040

Setent No. 6346396

APPLICANT: Pavco, Pamela

APPLICANT: Backwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Backbedo, Jaime

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: CONDITIONS RELATED

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 218/0
TELECHONICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-5510
INFORMATION FOR SEQ ID NO: 3971:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1447 CCACTGGTACTCGCAG 1462
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                                                                                     0.8%; Score 12.8; DB 1; Length 17;
87.5%; Pred. No. 2.3e+02;
tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pavco, Pamela
APPLICANT: Pavco, Pamela
APPLICANT: Backiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
TITLE OF INVENTION: GROWTH FACTOR
TITLE OF EDGLENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: State 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZATE: PROBLEM FORM.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8%; Score 12.8; DB 1;
68.8%; Pred. No. 2.3e+02;
tive 3; Mismatches 2;
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FLING DATE: US/08/584,040
FLING DATE: US/08/584,040
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 02.005,94
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
MAME: Warburg' Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REPRENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-584-040-2129; Sequence 2129, Application US/08584040; Patent No. 6346398
                                                                                                                                                                                                                             805 GAGCCCCGGGGACCGC 820
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Best Local Similarity 68.8
Matches 11; Conservative
                                                                                                                                                             14; Conservative
                                                                                         Query Match
Best Local Similarity
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                         US-08-584-040-1462
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Gaps

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RESULT 326

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Noist, Calling Poster
Hoffman, Dieter
Sedlacek, Hans-Harald
Sedlacek, Hans-Harald
TITLE OF INVENTION: Glycosyl-Etoposide Prodrugs, A Process For
Preparation Thereof And The Use Thereof In Combination With
Functionalized Tumor-Specific Enzyme Conjugates
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COUNTRY: USA

ZIP: 20005

COUNTRY: USA

COUNTRY: USA

COUNTRY: LEN PC COMPATIBLE

COMPUTER: IEM PC COMPATIBLE

COMPUTER: IEM PC COMPATIBLE

COMPUTER: PATENTION DATE:

APPLICATION NUMBER: US/09/343,698

FILING DATE: 30-Jun-1999

CLASSIFICATION ADATA:

APPLICATION NUMBER: 08/325,955

FILING DATE: ADATONNAMER: 08/325,955

FILING DATE: ADATONNAMER: 08/325,955

FILING DATE: ADATONNAMER: 08/325,955

TILING DATE: ADATONNAMER: 08/325,955

TILING DATE: ADATONNAMER: 08/325,955

TILING DATE: ADATONNAMER: 08/325,955

TELEPHONE: 202-408-4000
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
     87.5%; Pred. No. 2.3e+02;
tive 0; Mismatches 2;
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87.5%; Pred. No. 2.3e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-343-698-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-474-432B-592/c
; Sequence 592, Application US/09474432B
; Patent No. 6528640
                                                                                                                                                                                                                                                              Sequence 2, Application US/09343698; Patent No. 6475466
GENERAL INFORMATION:
APPLICANT: Seeman, Gerhard; Czech, Joerg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FELEFAX: 202-408-4400
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                                                                                    1547 GGGCCGGGGAGGGG 1562
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STRANDEDNESS: single
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     Best Local Similarity 87.5
Matches 14, Conservative
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Sequence 1, Application US/09220510B

Sequence 1, Application US/09220510B

GENERAL INFORMATION:

APPLICANT: RESULCK, NITZAN

TITLE OF INVENTION: EXPRESSION VECTORS COMPRISING MULTIPLE SHEAR STRESS

TITLE OF INVENTION: TREATING DISCRDERS RELATED TO VASCULGENESIS AND/OR

TITLE OF INVENTION: ANGIGENESIS IN A SHEAR STRESS ENVIRONMENT

FILE REFERRENCE: P-2771-US

CURRENT APPLICATION NUMBER: US/09/220,510B

CURRENT FILING DATE: 1998-12-24

NUMBER OF SEQ ID NOS: 6

SSOTUMARE: PATENTIN Ver. 2.1

LENGTH: 17
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0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.38+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: storage
COMPUTER: IBM Comparible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY AGENT INFORMATION:
NAME: WASTDIES, RICHARD J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REGISTRATION INTORNATION: 7869:
SEQUENCE CHARACTERICTICS:
LENGTH: 17 base pairs

LENGTH: 17 base pairs
                                                                                                                                                   CITY: LOS Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
  GROWTH FACTOR
8502
                                                                               ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       499 GTGGCCAGGAGTGAAA 514
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ORGANISM: Artificial sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
TITLE OF INVENTION: GR(
NUMBER OF SEQUENCES: 8:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
US-08-584-040-7869
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US-09-220-510B-1
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Sequence 674, Application US/09371772B

Sequence 674, Application US/09371772B

Sequence 674, Application US/09371772B

GRNERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Bacobedo, Jaim

APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 or Conditions Re}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Pavoo, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-00-10
PRIOR PILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
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87.5%; Pred. No. 2.3e+02;
cive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 17;
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Indels
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Pred. No. 2.3e+02;
3; Mismatches 2;
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(7)
Mismatches
                                                                                                                                                                                                                                                                                                                                                                   Sequence 7, Application US/09371772B Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
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                                                                                1352 AGCGGCGGCGGGACC 1367
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                                                                                                                                                                2 AGUGGCGGUGGGGACC 17
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Best Local Similarity 68.8%;
Matches 11; Conservative
14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 87.5
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
CORGANISM: Homo sapiens
US-09-371-772B-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-674
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                                                                                                                                              APPLICANT: Beaudry, Amber
APPLICANT: Rarpeisky, Alex
APPLICANT: Admic. Jasenka
APPLICANT: Admic. Jasenka
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Shawn
ITILE OF INVENTION: NUCLEOTIGE triphosphate and their incorporation into oligomucleot
ITILE OF INVENTION: NUMBER: US/09/474,432B
CURRENT APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1999-12-19
PRIOR FILING DATE: 1999-11-05
PRIOR APPLICATION NUMBER: US 60/064,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR PILING DATE: 1998-11-04
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: Patentin version 3.0
SEQ ID NO 592
LEAST STANDER OF SEQ ID NOS: 1526
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APPLICANT: Beaudry, Amer
APPLICANT: Rarpeisky, Alex
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic. Jasenka
APPLICANT: Adamic. Jasenka
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US 60/064,866
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR PLING DATE: 1999-11-05
PRIOR PLING DATE: 1999-11-04
PRIOR PLING DATE: 1998-11-04
PRIOR PLING DATE: 1998-11-04
PRIOR PLING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTHARE: Patentin version 3.0
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
                                   Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 815, Application US/09474432B Patent No. 6528640
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Best Local Similarity 87.5%;
Matches 14; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
US-09-474-432B-592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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NESULT 336
Sequence 4170, Application US/09371772B
Septent No. 6566127
Septent No. 6566127
Septent No. Settle No. Pan Septent No. Paplicant Exceeded, Jam APPLICANT: Escobedo, Jaine
APPLICANT: Escobedo, Jaine
APPLICANT: Stinchcomb, Dan CORRENT Expression No. Escoper 17TLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor TITLE OF INVENTION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-08-10
FRIOR FILING DATE: 1995-08-10
FRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFWARE PETENTIN PAPLICATION NOS: 14225
SOFWARE PETENT PAPLICATION NOS: 14225
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Sequence 5005, Application US/09371772B

Parent No. 656127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ravoc, Pam

APPLICANT: Stinchoom, Dan

APPLICANT: Stinchoom, Dan

APPLICANT: Stinchoom, Dan

APPLICANT: Stinchoom, Dan

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

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TITLE OF INVENTION: Method and Reagent for the Treatment of Method Advanced R
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499 GTGGCCAGGAGTGAAA 514
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
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LENGTH: 17
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Sequence 1738, Application US/09371772B

Sequence 1738, Application US/09371772B

Sequence 1738, Application US/09371772B

Sequence 1738, Application US/09371772B

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bavco, Pam
APPLICANT: Brochedo, Jaim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Brochedo, Jaim
APPLICANT: Brochedo, Jaim
APPLICANT: Brochedo, Jaim
APPLICANT: MHB00, 876-J (237/198)

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: MHB00, 876-J (237/198)

CURRENT PLILIATION NUMBER: US/09/371,772B

CURRENT PLILING DATE: 1995-018-10

PRIOR FILING DATE: 1995-01-08

NUMBER: OF SEQ ID NOS: 14225

SEQ ID NO 1738

LENGTH: 17

LENGTH: 17
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APPLICANT: Strinchcomb, Dan
APPLICANT: Strinchcomb, Dan
APPLICANT: Estinchcomb, Dan
APPLICANT: Estinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REPERENCE: Method, 876-J (237/198)
CURRENT APPLICATION NUMBER: US (09/371, 772B
PRIOR APPLICATION NUMBER: US (00/05, 974
PRIOR APPLICATION NUMBER: US (08/584, 040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
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US-09-371-772B-3652/C
; Sequence 3652, Application US/09371772B
; Patent No. 6566127
; Patent INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Payco, Pam
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                                        942 TGCTGCTCACCGCCGC 957
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; ORGANISM: Homo sapiens
US-09-371-772B-1738
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APPLICANT: Stinchcomb, Dan
APPLICANT: Stochedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: 1990-108
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 6384

LENGTH: 17
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RESULT 341

Sequence 72, Application PC/TUS9300977

Sequence 72, Application PC/TUS9300977

TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

TORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

STREET: 620 Newport Center Dr. Sixteenth Floor

CITY: Newport Beach

STREET: 620 Newport Center Dr. Sixteenth Floor

CITY: Newport Beach

STREET: 620 Newport Beach

COUNTRY: USA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBP FC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/00977

FILING DATE: 19930129

CLASSIFICATION NUMBER: 34,115

REGISTRATION NUMBER: 34,115

REGISTRATION NUMBER: HITACHI.006H

TELEBOMUNICATION NUMBER: HITACHI.006H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 12.8; DB 1; Length 17; Best Local Similarity 62.5%; Pred. No. 2.3e+02; Matches 10; Conservative 4; Mismatches 2; Indels
                                                                                                                                                    Sequence 6364, Application US/09371772B
Pattent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1444 CATCCACTGGTACTCG 1459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 CAUCCACUGGUAUUGG 17
      1 UGCUGCUCCCCGCCCC 16
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TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 17
TYPE: NUCLEIC ACID
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
US-09-371-772B-6384
                                                                                        RESULT 340
US-09-371-772B-6384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA ORGANISM: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 341
      8
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                                                                                                                                                    Sequence 5006, Application US/09371772B

Sequence 5006, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ricordom, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR PILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patentin version 3.0

SEQ ID NOS 5006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5007, Application US/09371772B

Sequence 5007, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, Jaim

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: McMagen, 132,1989

CURRENT APPLICATION NUMBER: US/09/371,72B

CURRENT PLING DATE: 1999-08-10

PRIOR FILING DATE: 1999-08-10

PRIOR FILING DATE: 1995-10-26

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 12.8; DB 1; Length 17; Best Local Similarity 68.8%; Pred. No. 2.3e+02; Matches 11; Conservative 3; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 940 CCTGCTGCTCACCGCC 955
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2 cacauacuacuccca 17
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CRGANISM: Homo sapiens
US-09-371-772B-5006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5007
                                                                                                                 RESULT 338
US-09-371-772B-5006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 339
US-09-371-772B-5007
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Sequence 9, Application US/08346613
Sequence 9, Application US/08346613
Patent No. 5586264
APPLICANT: GANCR, RICHARD B.
APPLICANT: GANCR, DAVID
TITLE OF INVENTION: TRANSDOMINANT TAT MUTANTS AND USES
TITLE OF INVENTION: THEREOF
WUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS: 18
CORRESPONDENCE ADDRESS: 18
COUNTRY: HOUSTON WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210
COMPUTER: ELOPPY DISK
COMPUTER: BAN PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFRET S.1
CURRENT APPLICATION NUMBER: US/08/346,613
APPLICANT: Garcia, Joseph A.
APPLICANT: Harrich, David
TITLE OF INVENTION: Transdominant Tat Mutants and Uses
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
                                                                                                                                                                                                                                                                                                                                CUUTY: HOUSEON
CITY: HOUSEON
COUNTRY: US
ZID: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PAPELICATION DATA:
APPLICATION NUMBER: US/07/910,867B
FILING DATE: 02-UUL-1992
CLLASSIFICATION: USON
NAME: Mayfield, Denise L.
REGISTRATION: UMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:263/MAY
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match

0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1545 GGGGGCCGGGGAGG 1560
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INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linea
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US-08-346-613-9
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0.8%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                   Length 17;
                                                                                                                                                                                                                                                                                                                2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Regulation of Antigen Presentation
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kevin M. Farrell, P.C.
STREET: P.O. Box 999
CITY: York Harbor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE READABLE FORM:
MEDIUM TYPE READABLE FORM:
COMPUTER: IBM PC compatible
CLASSIFICATION NUMBER: PCT/US94/05617
FILING DATE: IB-MAY-1994
CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/064,400
FILING DATE: MAY 19, 1993
CLASSIFICATION:
ATTOREY/AGENT INFORMATION:
ATTOREY/AGENT INFORMATION:
REGISTRATION NUMBER: 35,505
REFERENCE/POCKET NUMBER: 35,505
REFERENC
                                                                                                                                                                                                                               Query Match

0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 2.38+02;
Matches 14; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 9, Application US/07910867B Patent No. 5597895 GENERAL INFORMATION: GAPPLICANT: GAYNOY, Richard B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1306 GCTCCTGGCTGCACTG 1321
                                                                                                                                                                                                                                                                                                                                                                                         642 TGGCGGTGGAGGCCGG 657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US94-05617-15
        ; TOPOLOGY: linear

; MOLECTLE TYPE: CDNA to mRNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

PCT-US93-00977-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16 rescesires accionas 1
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PCT-US94-05617-15
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US-07-910-867B-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: MI
COUNTRY:
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Gaps

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Length 18; Indels

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Sequence 11, Application US/08796883
Fatent No. 5744353
GENERAL INFORMATION:
APPLICANT: Herman, Jean; Coulie, Pierre;
APPLICANT: Housecher, Thierry; van der Bruggen, Pierre;
APPLICANT: Luescher, Timmanuel.
TITLE OF INVENTION: HLA-B44 Molecules, And Uses Thereof
VOMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
STREET: 805 Third Avenue
STREET: New York
STREET: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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ZIFF: 1002

COMPUTER READABLE FORM:

MEDIUM TYPE: 1BM
COMPUTER: 1BM
COMPUTER: 1BM
COMPUTER: 1BM
COMPUTER: 1BM
COMPUTER: 1BM
COMPUTER: 1BM
COPERATING SYSTEM: PC-DOS
SOFTWARE: Wordberfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/796,883
FILING DATE: 06-FEB-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/62,506
FILING DATE: 20-FEBRUARY-1996
APPLICATION NUMBER: 08/31,864
FILING DATE: 21-SEPTEMBRR-1995
FILING DATE: 21-SEPTEMBRR-1995
FILING DATE: 31-JANUARY-1995
FILING DATE: 21-SEPTEMBRR-1995
FILING DATE: 21-SEPTEMBR-1995
FIL
TELEPHONE: (212) 688-9200
TELEPAX: (212) 838-3884
INPORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
TYPE: mucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1013 recredecredege 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; NAME/KEY: PCR primer
US-08-796-883-9
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US-08-796-883-11/c
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US-08-796-883-9/c

; Sequence 9, Application US/08796883
; Patent No. 5744353
; GENERAL INFORMATION:
    APPLICANT: Herman, Jean; Coulie, Pierre;
    APPLICANT: Beon-Falleur, Thierry; van der Bruggen, Pierre;
    APPLICANT: Luescher, Immanuel.
    TITLE OF INVENTION: HLA-B44 Molecules, And Uses Thereof
    CORRESSED: Folfe & Lynch
    STREET: B05 Third Avenue
    CITY: New York City
    STATE: New York
    COMPUTER READABLE FORM:
    COMPUTER READABLE FORM:
    COMPUTER IBM
    COMPUTER: IBM
    COMP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                     PILING DATE:
CLASSIFICATION 1435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 07/910,867
FILING DATE: 07/02/92
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MAYPIELD, DENNSE T.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:263/MAY
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: S12-474-757
TELEFAX: NOT APPLICABLE
INFORMATION FOR SEQ 1D NO: 9:
SEQUENCE CHARACTERISTICS:
LEARNDERNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SCETWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/796,883
FILING DATE: 06-FEB-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/602,506
FILING DATE: 20-FEBRUARY-1996
APPLICATION NUMBER: 08/531,864
FILING DATE: 21-SEPTEMBER-1995
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
APTICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Hanson, No. 5744353man D. REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5436
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1545 GGGGGCCGGGGAGG 1560
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US-08-346-613-9
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MOLECULE TYPE: DNA HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-448-561-23
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US-08-448-561-23/C
Sequence 23, Application US/08448561
Sequence 23, Application US/08448561
Sequence No. 5908827
GENERAL INFORMATION:
APPLICANT: SIRNA, Antonio
TITLE OF INVENTION: NEW PROTEIN FROM URINE NAMED COMPONENT B
CORRESPONDENCES 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-611-280-11

US-08-611-280-11

Sequence 11, Application US/08611280

Patent No. 589166

GENERAL INFORMATION:

APPLICANT:
APPLIC
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                                                                                                                                                                                     Query Match

0.8%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Uncaid

COUNTRY: Canada
ZIP: LSN GJB

ZIP: LSN GJB

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/611,280
FILIND DATE:
FILIND DATE:
APPLICATION: 435
ATTOMEY/AGENT INFORMATION:
NAME: Oleski, Nancy A.
REGISTRATION NUMBER: 34,688
REGISTRATION NUMBER: 34,688
REGISTRATION NUMBER: 34,688
REGISTRATION CONCET NUMBER: 34,688
REGISTRATION CONCET NUMBER: 34,688
REGISTRATION CONCET NUMBER: 31,888
INFORMATION FOR SEO ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TWOE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
STATE: Ontario
COUNTRY: Canada
                                                                                                                                                                                                                                                                                                                                                                          1013 TCCTCGGGCTCGGGG 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 CAGAAGTGAAACTGAG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                               17 rccredaAcredrese 2
                                                  PCR primer
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; FEATURE:
; NAME/KEY:
US-08-796-883-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-611-280-11
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COMPUTER TREADALE CORN:

MONUTER TREADALE CONN:

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TYPE: nucleic acid
STRANDEDNESS: single
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19-08-531-864-11/c

18-08-531-864-11/c

18-08-531-864-
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ZIP: 10022
COMPUTER READABLE FORM:
MEDIUTE TREADABLE FORM:
MEDIUTE TREADABLE FORM:
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,864
FILING DATE: 21-September-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/331,636
FILING DATE: 21-September-1995
FILING DATE: 12-ANUMAY-1995
FILING DATE: 37-ANUMAY-1995
FILING DATE: 37-MANUMBER: 08/253,503
FILING DATE: 37-MANUMBER: 08/253,503
FILING DATE: 37-MANUMBER: 109/46
ATTORNEY/AGENT INFORWATION:
NAME: Hanson, No. 59/46
ATTORNEY/AGENT INFORWATION:
TELEPRAX: (212) 688-9200
NAME: Hanson, No. 5977300man D.
REGISTRATION NUMBER: 30,946
REFERENCE JOCKET NUMBER: LUD 5378.3
TELECOMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1013 TCCTCGGGCTCGGGGC 1028
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MOLECULE TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
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NAME/KEY: PCR primer
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   Sequence 18, Application US/09344520

Patent No. 6037176

GENERAL INFORMATION:
APPLICANT: Frank Bennett
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: No. Cowsert
APPLICANT: No. Cowsert
APPLICANT: No. 18

CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47

SEQ ID NO 18

LENGTH: 18
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US-09-045-9/C
US-09-029-045-9/C
i Sequence 9, Application US/09029045
i Patent No. 6056592
i GENERAL INFORMATION:
APPLICANT: Rosenberg, Amy Sonya
ITILE OF INVENTION: Relective Elimination of T Cells That
ITILE OF INVENTION: Recognize Specific Preselected Targets
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSE: Pownsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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0.8%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: San Francisco STATE: California COUNTRY: California COUNTRY: California COUNTRY: USA ZIPE: California COUNTRY: USA ZIP: Galifornia COMPUTER READABLE FORM SIBLE FORM SIBLE FORM SIBLE FORM SIBLE FORM SIBLE COMPUTER: IBM PC COMPATIBLE OF PERATURO SYSTEM: PC-DOS/MS-DOS SOFTWARE: PAPLICATION DATA: APPLICATION NUMBER: US/09/029,045 FILING APPLICATION NUMBER: US/09/029,045 FILING DATE: 02-JUN-1998 CLASSIFICATION NUMBER: US/09/029,045 FILING DATE: 30-AUG-1995 PRICK APPLICATION NUMBER: US/09/029,045 FILING DATE: 29-AUG-1995 APPLICATION NUMBER: WO PCT/US96/13873 FILING DATE: 29-AUG-1996 ATFORNEY/AGENT INFORMATION: NAME: WARDEN TREEDCOMMUNICATION NUMBER: 31,677 REBERRINGE/DOCKET NUMBER: 31,677 REGISTRE/DOCKET NUMBER: 31,677 REGISTR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FRATURE:
1 OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-520-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       439 GCTGATGACTCAGAGG 454
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       JS-09-344-520-18/c
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Patent No. 6008048
GENERAL INFORMATION:
APPLICANT: Ext. P. Monia
APPLICANT: ex. M. COWNER
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENT APPLICATION NUMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 47
ENGTH: 18
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0.8%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                             ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 12.8; DB 1;
87.5%; Pred. No. 2.6e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               THER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                MABLL UN. T. ...

COMPUTER: BM

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordporfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,636C

FILING DATE: 17-JANUARY-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/253,503

FILING DATE: 3-UNBER: 08/253,503

FILING DATE: 3-UNBER: 08/253,503

FILING DATE: 3-UNBER: 08/254,603

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: 10D 5378.2

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELERONE: (212) 688-9200

TELERONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1013 TCCTCGGGCTCGGGGC 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17 TCTCGGACTCGTGGC 2
?: 805 Third Avenue
New York City
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Match
Best Local Similarity 87.51
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , NAME/KEY: PCR primer US-08-373-636C-11
   STREET: 805
CITY: New YC
STATE: New ZIP: 10022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 353
US-09-205-921-13/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-205-921-13
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LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear

1368 GCGGGGGGGGGGG 1383

FYPE: DNA FEATURE:

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18 GCGGTGGAGGCGGCGG 3

RESULT 354

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; Sequence 11, Application US/08602506A
; Patent No. 6060257
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                        US-08-602-506A-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-602-506A-11
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                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application US/08602506A

Sequence 9, Application US/08602506A

Patent No. 606025.

GENERAL INFORMATION:

APPLICANT: Boon-Falleur, Thierry; van der Bruggen, Pierre;

APPLICANT: Boon-Falleur, Immanuel.

TITLE OF INVENTION: Thimor Rejection Antigens Presented By HLA-

TITLE OF INVENTION: B44 Molecules, And Uses Thereof

NUMBER OF SEQUENCES. 30

CORRESPONDENCE ADDRESS:

ADDRESSES: Felfe & Lynch

ADDRESSES: Pelfe & Lynch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                           Query Match
0.8%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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0.8%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: New York City
GITY: New York City
GITY: New York City
GITY: New York City
STATE: New York
ZIP: 1002
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: LBM
COMPUTER: LBM
COMPUTER: DATA:
MEDIUM TYPE: DISKette, 3.5 inch, 360 kb storage
COMPUTER: LBM
COMPUTER: DATA:
COMPUTER: LBM
CLASSIFICATION NUMBER: 08/53,63
FILING DATE: 21.SEPTEMBER-1995
RATOR APPLICATION DATA:
APPLICATION NUMBER: 08/23,63
FILING DATE: 17.JANUARY-1995
APPLICATION NUMBER: 1092
RECENTION NUMBER: LUD 5436
FILING DATE: 3-UNNE-1994
ATTORNEY/AGENT INFORMATION:
TELEPRONE (212) 838-3884
INFORMATION POR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
TENERAL 18 hase pairs
                                                                                                                                                                                      1476 TAGGCACCTGGCTCCT 1491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1013 TCCTCGGGCTCGGGGC 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                        18 ragrcaccrecercer 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           leic acid
3S: single
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US-08-602-506A-9
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
     i munu---
US-09-029-045-9
                                                                                                                                                                                                                                                                                                                    RESULT 356
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GENERAL INFORMATION:
APPLICANT: Herman, Jean; Coulie, Pierre;
APPLICANT: Herman, Jean; Coulie, Pierre;
APPLICANT: Boon-Fallour, Thierry; van der Bruggen, Pierre;
APPLICANT: Luescher, Immanuel.
TITLE OF INVENTION: Tumor Rejection Antigens Presented By HLA-TITLE OF INVENTION: B44 Molecules, And Uses Thereof
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSE: Pelfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-143-212-46/c
US-09-143-212-46/c
Sequence 46, Application US/09143212B
Sequence 46, Application US/09143212B
Sequence 46, Application
Patent No. 6071672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INTERNION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REPERENCE: RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

0.8%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IEM
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWAING SYSTEM: rc_LCC
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/602,506A
FILING DATE: 20-FEBRUARY-1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/33,636
FILING DATE: 17-DATA: 08/25,503
FILING DATE: 3-JUNE-1995
DRIOR APPLICATION NUMBER: 08/25,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: HARSON, NO. 6060257man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5436
REFERENCE/DOCKET NUMBER: LUD 5436
TELEPRAY: (212) 888-9200
TELEPRAY: (212) 888-9200
TELEPRAY: (212) 888-3884
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERESTICS:
LENGTH: 18 base pairs
WAND: NATION FOR SEQ ID NO: 11:
LENGTH: 18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      %30-08-21-882-15
% Sequence 15, Application US/08211882
% Sequence 15, Application US/08211882
% Parent No. 6153737
% GENERAL N. INFORMATION:
% APPLICANT: Manoharan et al.
% TITLE OF INVENTION: Derivatized Oligonucleotides Having
% TITLE OF INVENTION: Improved Uptake And Other Properties
% NUMBER OF SEQUENCES:
% CORRESPONDENCE ADDRESS:
                                                                                                             RESULT 361
US-08-663-9134-62
Sequence 62, Application US/0863813A
Sequence 62, Application US/0863813A
Sequence 62, Application US/0863813A
Sequence 62, Application US/0863813A
Sequence 62, Application Sequence 63, Application Sequence 63, Application Sequence 64, Joel M.
APPLICANT: Gottesfeld, Joel M.
APPLICANT: WINGHT, Peter E.
TITLE OF INVENTION: AND METHODS THEREFOR
MUMBER OF SEQUENCES: 62
CORRESPONDENCES: ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jola
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZULY 92037

ZULY 92037

ZULY 92037

MEDIUM TYPE: Diskette
COMPUTER: DEM COMPALIALE
COMPUTER: LEM COMPALIALE
COPERATING SYSTEM: Windows Version 2.0b
SOFTWART PRESENCY for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,813A
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/76,318
FILING DATE: 18-0474-1997
FILING DATE: 18-0474-1996
APPLICATION NUMBER: 08/183,119
FILING DATE: 18-0471-1996
APPLICATION NUMBER: US/SS/00829
FILING DATE: 18-040-1995
ATTORNEY AGENT TYPORMATION:
NAME: Haile, Lisa A., Ph. D.
REGISTRATION NUMBER: 38,347
REFERENCE/POCKET NUMBER: 38,347
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1368 GCGGGGGCGCGCGG 1383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 619/678-5070
TELEPAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 62: SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               16
     14 CGAGGGAGAGAGCGAG 29
                                           17 CGAGGGAGGAAGCGAG 2
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GENERAL INFORMATION:
APPLICANT BAKET, Brenda
APPLICANT BARET, Brenda
APPLICANT BARET, Madeline M.
APPLICANT BUTLET, Madeline M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF THE-A EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APLICATION NUMBER: US/09/166,186A
CURRENT PILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 13
LENGTH: 18
TEMPLY: 18
TEMPLY: 18
TEMPLY: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                              Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Patent No. 6096543
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKI EXPRESSION
FILE REPERSUES: RTS-0016
CURRENT APPLICANTON NUMBER: US/09/197,380
UURBER OF SEQ ID NOS: 47
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-380-8
                                                                                                                PEATURE:
, OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-13
                                                                                                                                                                                                                                                                                                               236 GGGTTCGGGAAGAGGA 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 87
SEQ ID NO 46
LENGTH: 18
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US-09-197-380-8/c
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STRANDEDNESS:
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ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6153737ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .
0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11, Application US/09487444

Patent No. 6159697

GENERAL INFORMATION:
APPLICANT: Breat P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
FILE REPERENCE: RTS-0133
CURRENT APPLICATION NUMBER: US/09/487,444

CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 11
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
0.8%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) OTHER INFORMATION: Antisense Oligonucleotide US-09-487-444-11
                                                                                       COUNTRY: VS.A.

ZIP: 19103
CONDUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KD
COMPUTER: IBM PC compatible
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/211,882
FILING DATE: 24-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LOWINGER: 33,307
REGISTRATION NUMBER: 33,307
REGISTRATION NUMBER: 33,307
REGISTRATION NUMBER: 1SIS-0649
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          151 GATGCTGCTGCTGGCG 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 215-568-3439
INPORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        33 GCGAGCCGGAGCGAGG 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 gegageceraeceaee 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                STREET: One LL.
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 363
US-09-487-444-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-211-882-15
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Gaps
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VESUL: Application US/09266294

Sequence 11, Application US/09266294

Patent No. 6171806

GENERAL INFORMATION:

APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry

TITLE OF INVENTION: Isolated No. 6171806a- and Decapeptides Which

TITLE OF INVENTION: Bind to HLA-B44 Molecules And The Use Thereof

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

CARRESPONDENCE ADDRESS:

STREET: 805 Third Avenue

CITY: New York City

STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                               ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage COMPUTER: IBM
COMPUTER: IBM
COMPUTER: IBM
COPERATING SYSTEM: PC-DOS
SOFTWARE: Wandberfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/266,294
FILING DATE:
ILING DATE: J-September-1995
PRIOR APPLICATION NUMBER: US/09/266,294
FILING DATE: 12-September-1995
APPLICATION NUMBER: US/09/31,864
FILING DATE: 17-JANUARY-1995
APPLICATION NUMBER: 08/373,636
FILING DATE: 3-JOHNE-1995
APPLICATION NUMBER: 13-946
ATTORNEY/AGBAT INFORMATION:
NAME: HARBON, NO. 6171806man D.
REGISTRATION NUMBER: 30,946
ATTORNEY/AGBAT INFORMATION:
TELEPHONE: (212) 838-3884
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TUREDING DATE: 10-188-1884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1013 TCCTCGGGCTCGGGGC 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17 recressaeresec 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 10022
COMPUTER READABLE FORM:
```

RESULT 364 US-09-266-294-9/c

For A

Diskette, 3.5 inch, 1.44 MB storage

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Sequence 9, Application US/09179281

Sequence 9, Application US/09179281

Patent No. 6245333

GENERAL INFORMATION:

APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry

TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Codes

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSED: Felfe & Lynch

STREET: 805 Third Avenue

CITY: New York City

STREET: 805 Third Avenue

CITY: New York City

STREET: Biskette, 3.5 inch, 360 kb storage

COMPUTER: ED 18 Kette, 3.5 inch, 360 kb storage

COMPUTER: IBM

OPERATING SYSTEM: PC-DOS

SOFTWARE: MORDPERFECT

COMPUTER: WORDPERFECT

COMPUTER: WORDPERFECT

STREET: MORDPERFECT

COMPUTER: MORDPERFECT

COMPUTER FAITURD MORDER: MORDPERFECT

COMPUTER FAITURD MORDPERFECT

COM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: Hanson, No. 6245333man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5378.2
TELEPOMUNICATION INFORMATION:
TELEPHAX: (212) 688-9200
TELEPHAX: (212) 688-9200
TELEPHAX: (212) 688-3804
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1013 rccrcggcrcgggc 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17 récrégacrégrése 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 368
US-09-179-281-11/c
                                                                                                                   US-09-179-281-9/c
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Sequence 13, Application US/09313932A

GENERAL INFORMATION:
APPLICANT: Baker, Barenda

APPLICANT: Barler, Madeline M.
APPLICANT: Barler, Madeline M.
APPLICANT: Barler, Madeline M.
TITLE OF INVENTION: ATISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REPRENUES: 15PH-0356

CURRENT APPLICATION NUMBER: US/09/313,932A

CURRENT FILING DATE: 1999-05-18

NUMBER OF SEQ ID NOS: 501
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
PAPPLICATION NUMBER: US/08/531,864
FILING DATE: 21-September-1995
APPLICATION NUMBER: 08/37,636
FILING DATE: 17-JANUARY-1995
FRIUNG DATE: 17-JANUARY-1995
FRIUNG DATE: 17-JANUARY-1995
FRIUNG DATE: 37-JANUARY-1995
FRIUNG DATE: 37-JANUARY-1995
ATTORNEY, AGENT INFORMATION:
NAME: Hanson, No. 6171806man D.
RECISTRATION NUMBER: 20,946
REPERENCE/DOCKET NUMBER: LUD 5378.3
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NO. 6171
FELECOMMUNICATION NO. 6171
FELECOMMUNICATION NO. 6171
FELECOMMUNICATION NO. 6171
FELECOMMUNICATION NO. 11:
SENGUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
FERRANCE/DENERS: 10-051
MEDIUM TYPE: Diskette, 3.5 inch, COMPUTER: IBM OPERATING SYSTEM: PC-DOS OPERATING SYSTEM: PC-DOS CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/266,294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1013 TCCTCGGGCTCGGGGC 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 236 GGGTTCGGGAAGAGGA 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 ĠĠĠŢŢĊĠĄĠĄĠĄŢĠĄ 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17 rccrcecacrceresc 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; NAME/KEY: PCR primer
US-09-266-294-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 14, Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 366
US-09-313-932-13
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For A
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                                       Gaps
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Patent No. 6245333
GENERAL INFORMATION:
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION:
ISOlated Nucleic Acid Molecules Which Codes
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STRIE: New York
ZIP: 10022
Length 18;
                                     2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: ISM
OPERATING SYSTEM: PC-DOS
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Gaps
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                                                                                                Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.66+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

APPLICANT: Zwick, Michael G.

APPLICANT: Edington, Brent E.

APPLICANT: Mesvagen, James A.

APPLICANT: Merlo, Patricia Ann Owens

APPLICANT: Guo, Lining

APPLICANT: Guo, Lining

APPLICANT: Young, Scott A.

APPLICANT: Young, Scott A.

APPLICANT: Polkerts, Otto

APPLICANT: Merlo, Danald J.

APPLICANT: Modulation of Gene EXPRESSION

TITLE OF INVENTION: NODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: Suite 4700

CITY: Los Angeles

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: S.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: UJ1y 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: UJ1y 13, 1995
APPLICATION NUMBER: 09/300,726
FILING DATE: SEPTEMBER: 0/994
ATTONNEY, AGENT INFORMATION:
NAME: WARDING, RICHARD 32,327
REGISTRATION NUMBER: 32,327
REPRENCE/DOCKET NUMBER: 219/247
TELESHONE: (213) 489-1600
TELESHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                  US-08-679-645-555/c
; Sequence 555, Application US/08679645; Patent No. 6350934
; GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
                                                                                                                                                                                                    504 CAGGAGTGAAACTGCG 519
                                                                                                                                                                                                                                                   3 CAGAAGTGAAACTGAG 18
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-09-195-940-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Matsuyama, Toshifumi
APPLICANT: Garbardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRP POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADBRESS:
ADDRESSER: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
STREET: Ontario
COUNTYR: Canada
ZIP: LSN GJB
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATE:
CHING DATE:
COMPUTER: UNBER: US/09/195,940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                          PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 624533man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5378.2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELETAX: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,281
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 369
US-09-195-940-11
; Sequence 11, Application US/09195940
; Patent No. 6259935
                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1013 TCCTCGGGCTCGGGGC 1028
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3S: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; NAME/KEY: PCR primer
US-09-179-281-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic
STRANDEDNESS:
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Sequence 4, Application US/09516911

Sequence 4, Application US/09516911

Patent No. 6489105

GENERAL INFORMATION:

APPLICANT: McGill University

APPLICANT: International Center for Genetic Engineering and

APPLICANT: International Center for Genetic Engineering and

APPLICANT: BIOTECHNION (ICGEB)

APPLICANT: BANKS, Lawrence

APPLICANT: OF INVENTION: SCREENING METHOD FOR DETERMINING

TITLE OF INVENTION: SCREENING METHOD FOR DEVELOPING DISEASES ASSOCIATED WITH

TITLE OF INVENTION: SCREENING METHOD FOR MILDITYPE D53

CURRENT APPLICATION NUMBER: US/09/516, 911

CURRENT PILLING DATE: 2000-03-01

ERABLIER FILING DATE: 2000-03-01

ERABLIER FILING DATE: 2000-03-02

NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                             FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6395492el Sequence
US-09-633-659-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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US-09-015-188-10
is Sequence 10, Application US/09015188C
is Sequence 10, Application US/09015188C
is Patent No. 639358
is GENERAL INFORMATION:
is APPLICANT: Williams, Kevin J
APPLICANT: Williams, Kevin J
TITLE OF INVENTION:
it TITLE OF INVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-015-188-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 18;
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0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match

0.8%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2;
PRIOR APPLICATION NUMBER: 07/782;
PRIOR FLING DATE: 1991-10-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             793 GGTGAAGGACCTGAGC 808
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 GGTGAACGACCTGCGC 17
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US-03-633-659-15
US-09-633-659-15
Sequence 15. Application US/09633659
Parent No. 6395492
GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Bennet, Clarence Frank
TITLE OF INVENTION: Derivatized Oligonucleotides Having Improved Uptake And
TITLE OF INVENTION: Other Properties
FILE REFERENCE: ISIS410
CURRENT APPLICATION NUMBER: US/09/633,659
CURRENT PILING DATE: 200-08-07
PRIOR PAPLICATION NUMBER: 08/211,882
PRIOR FILING DATE: 1994-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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                                                                                                                                                                                                                               RESULT 371
US-09-562-466-11
US-09-562-466-11
Sequence 11, Application US/09562466
Sequence 11, Application US/09562466
Sequence 11, Mapplication US/09562466
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 25
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .
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STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga Road, Suite 303
CITY: Mississauga Road, Suite 303
CITY: Mississauga
STATE: Ontario
COUNTRY: Canada
ZIR: L5N 673
COMPUTER: PLOPY disk
COMPUTER: TEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/562,466
FILING DATE: O1-May-2000
CLASSIFICATION NUMBER: US/09/562,466
FILING DATE: CURROWN>
PRIOR APPLICATION NUMBER: 09/195,940
FILING DATE: CHAROWN>
APPLICATION NUMBER: 34,688
REGISTRATION NUMBER: 34,688
REGISTRATION NUMBER: 34,688
REFERENCE/OCKET NUMBER: A-338A
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-562-466-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                             1079 CGCCCGGGCCAGCGCG 1094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 cadaadridaacridad 18
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Sequence 5567, Application US/09422978

Fatent No. 653751

GREEAL INFORMATION:

APPLICANT: Cohen Daniel

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REPREEAL 1999-10-20

CURRENT APPLICATION UNDHER: US/09/422,978

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REPREEAL 1999-10-20

CURRENT PILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER PILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21

NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-04-21

NUMBER: OF SEQ ID NOS: 11796

SEQ ID NO 5567
                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Buchman et al.
TITLE OF INVENTION: UNCLEIC ACIDS AND POLYPEPTIDES OF INVERTEBRATE TWIK
TITLE OF INVENTION: CHANNELS AND METHODS OF USE
FILE REPERENCE: 7326-104
CURRENT APPLICATION NUMBER: US/09/362,842
CURRENT FILING DATE: 1999-07-17
PRIOR FILING DATE: 1999-03-17
PRIOR FILING DATE: 1999-03-17
SEQ ID NO 57
INUMERE OF SEQ ID NOS: 70
SOFTWARE: Patentin Ver. 2.1
IEBNGTH: 18
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                                                                                                                                Sequence 57, Application US/09362842 Patent No. 6511824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-362-842-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1246 GGTCATCGAGGAGCAC 1261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  142 CATGGGCGAGATGCTG 157
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          18 TAGTCACCTGCCTCCT 3
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 377
US-09-422-978-5567/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 378
US-09-679-298A-30/c
                                                                                                             US-09-362-842-57/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 375
US-09-435-321-9/c
; Sequence 9, Application US/09435321
; Patent No. 6491900;
; Patent No. 6491900:
; GENERAL INFORMATION:
; TITLE OF INVENTION: Selective Elimination of T Cells That
TITLE OF INVENTION: Selective Specific Preselected Targets
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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0.8%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORPUTER: IBM PC compatible
CORPUTER: DATE: PC-DOS/MS-DOS
SOFTWARE: PARCHIT Release #1.0, Version #1.30
CURRENT APPLICATION DATE: 04.No. 6491908-1999
FILING DATE: 04.No. 6491908-1999
FILING DATE: 04.No. 6491908-1999
FILING DATE: 02-04.No. 509629,045
FILING DATE: 02-04.No. 200029,045
FILING DATE: 02-04.0-1996
APPLICATION NUMBER: US 60/002,964
FILING DATE: 30-AUG-1995
APPLICATION NUMBER: US 60/002,964
FILING DATE: 22-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: WEDGE: Remeth A.
REGISTRATION NUMBER: 31,677
REPERENCE/DOCKET NUMBER: 015280-236100US
TELEFARI (415) 576-0200
                                                                                                                                                                                                                                   Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Twomsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 4 LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-435-321-9
                                                                                                                                                                                                                                                                                                                                           1422 CGGGTGCGGGGCCAC 1437
                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                FEATURE:
COTHER INFORMATION: Human p53
US-09-516-911-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 9
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Boston
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 02210
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Sequence 5, Application US/09083123

Sequence 5, Application US/09083123

Sequence 5, Application US/09083123

SERENAL INFORMATION:

APPLICANT: Ornum, Hendrik

APPLICANT: Seeger, Corina

TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic

TITLE OF INVENTION: Addids

FILE REPERENCE: sequence listing

CURRENT APPLICATION NUMBER: US/09/083,123

CURRENT APPLICATION NUMBER: EP 95118600.6

SARLIER FILING DATE: 1995-11-25

SARLIER FILING DATE: 1995-11-22

NUMBER OF SEQ ID NOS: 8

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 5

IBNGTH: 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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; Sequence 30, Application US/09679298A;
; Patent No. 6566131
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
; FILE REFERENCE: RTS-0045
; CURRENT APPLICATION UNMBER: US/09/679,298A
; CURRENT FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 47
; LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 2.6e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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0.8%; Score 12.8; DB 1; Length 32;
Best Local Similarity 62.5%; Pred. No. 6e+02;
Matches 20; Conservative 0; Mismatches 12; Indels
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Patent No. 6657156
GENERAL INFORMATION:
APPLICANT: Achter, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: BUZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      76 CGCACACACCCGCCGCGCGCACTCGCGCCCGG 107
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                                                                                                                                                                                                                                                                                                                                                                                                 ) OTHER INFORMATION: Antisense Oligonucleotide US-09-679-298A-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    151 GATGCTGCTGCTGGCG 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17 Gerőérőérőérőésső 2
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US-08-985-162-1770
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                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               g
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Sequence 4, Application US/07997455
Sequence 4, Application US/07997455
Patent No. 542948
GENERAL INFORMATION:
APPLICANT: Creepi, Charles L.
APPLICANT: Davies, Robin L.
TITLE OF INVENTION: Human Cell Line Stably Expressing ScDNAs
TITLE OF INVENTION: Human Cell Line Stably Expressing ScDNAs
TITLE OF INVENTION: Mutagenicity
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 12.4; DB 1; Length 1 Best Local Similarity 71.4%; Pred. No. 1.6e+02; Matches 10; Conservative 3; Mismatches 1; Indels
TELERAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1770:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1304 GCGCTCCTGGCTGC 1317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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US-08-985-162-1770
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COUNTY: Los Angeles
COUNTY: Los Angeles
COUNTY: U.S.A.
ZIP: 90071-2066
COMPUTER: SLOTAGE
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: SLOTAGE
COMPUTER: MOTG Perfect 5.1
CORPUTER: MOTG PERFECT 5.1
PRIOR APPLICATION DATA: Including application PRIOR APPLICATION DATA: Gescribed below:
APPLICATION NUMBER: 03/245,466
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WATDUTE, RICHARD 3.2
REGISTRANCY RICHARD 3.2
REGISTRANCY RICHARD 3.2
REGISTRANCY NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 266, Application US/08291932A
Sequence 266, Application US/08291932A
Sequence 266, Application US/08291932A
Setent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NP-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
APPLICATION NUMBER: US/08/153,051B
FILING DATE: No. 5645986ember 12, 1993
RICOR PAPLICATION DATA: 806
APPLICATION DATA: 808/038,766
FILING DATE: March 24, 1993
FILING DATE: March 24, 1993
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 204/195
TELEFONMUNICATION INFORMATION:
TELEFONMUNICATION INFORMATION:
TELEFONMUNICATION INFORMATION:
TELEFONGER: (213) 955-0440
TELEFONGER: (213) 955-0440
INFORMATION FOR SEQ ID NO: 52:
EROUTENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  72 CACACGCACACACC 85
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Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; STRANDEDNESS: si;
; TOPOLOGY: linear
US-08-153-051B-52
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wichael D. West
APPLICANT: Jerry W. Shay
APPLICANT: Woodring E. Wright
APPLICANT: Woodring E. Wright
APPLICANT: Bliabeth Blackburn
APPLICANT: Nam Woo Kim
APPLICANT: Calvin B. Harley
APPLICANT: Catherine Strah
APPLICANT: Catherine Strah
APPLICANT: Michael J. McBachern
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: THERARY AND DIAGNOSIS OF
TITLE OF INVENTION: CONDITIONS RELATED TO TELEOMERE
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
                                                                               CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/597,815
FILING DATE: 15-CT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/771,520
FILING DATE: 04-CT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/771,520
FILING DATE: 05-MAR-1988
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REFERENCE/DOCKET NUMBER: 31,616
REFERENCE/DOCKET NUMBER: G0307/7004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 382
US-08-153-051B-52/c
US-08-153-051B-52/c
Sequence 52, Application US/08153051B
Sequence 54, Application US/08153051B
PAPLICANT: Michael D. West
APPLICANT: Michael D. West
APPLICANT: Woodring E. Wright
APPLICANT: Woodring E. Wright
APPLICANT: Nam Woo Kim
APPLICANT: Nam Woo Kim
APPLICANT: Calvin B. Harley
       APPLICATION NUMBER: US/07/997,455 FILING DATE: 19921228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 Weet Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          165 CGAGATGTCTGCTG 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 CGAGATGTCTGCCG 15
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US-07-997-455-4
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Sequence 51, Application US/08060952C

Fatent No. 569532

Fatent No. 569532

APPLICANT: Michael D. West

APPLICANT: Woodring E. Wright

APPLICANT: WOODRINGE ELGENGTH AND/OR

TITLE OF INVENTION: TELCHERASE ACTIVITY

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700
                                                                                                                                                                                                                                                                         0.8%; Score 12.4; DB 1; Length 15; 92.9%; Pred. No. 2e+02; Artive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: STORAGE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: NOTO PERFECT S.1
CURRENT APPLICATION DATE: Word Perfect S.1
CURRENT APPLICATION DATE: May 13, 1993
CLASSIFICATION NUMBER: US/08/060,952C
FILING DATE: May 13, 1993
CLASSIFICATION NUMBER: 07/082,438
FILING DATE: May 13, 1993
APPLICATION NUMBER: 07/082,438
FILING DATE: May 13, 1993
APPLICATION NUMBER: 08/038,766
FILING DATE: May 13, 1993
APPLICATION NUMBER: 202/045
FILING DATE: May 13, 1993
APPLICATION NUMBER: 202/045
FILING DATE: May 13, 1993
ATTORNEY/AGENT INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: GATSANTERIETICS:
LENGTH: LS DASSE PAIRS
TYPE: nucleic acid
TYPE: nucleic acid
| TELEPHONE: (213) 489-1600
| TELEX: (7-3510
| TELEX: (7-3510
| TELEX: (7-3510
| SEQUENCE GHARACTERISTICS:
| LENGTH: 15 base pairs
| TYPE: nucleic acid
| STRANDENESS: single
| TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                              644 GCGGTGGAGGCCGG 657
                                                                                                                                                                                                                                                                    Ouery Match
Best Local Similarity 92.99
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                         14 GAGGTGGAGGCCGG 1
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US-08-060-952C-51
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DB 1; Length 15;

0.8%; Score 12.4;

Query Match

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                                     Gaps
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                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Pape, MICHAEL

APPLICANT: Pape, MICHAEL

TITLE OF INVENTION: PROGRESSION AND REGRESSION

TITLE OF INVENTION: PROGRESSION AND REGRESSION

TITLE OF INVENTION: OF VASCULAR DISEASES

OORRESPONDENCES: 1243

CORRESPONDENCES: 1243

CORRESPONDENCES: 1243

CORRESPONDENCES: 1243

CORRESPONDENCES: 1243

CORRESPONDENCE ADDRESS:

ADDRESSEE: SUITE 4700

CITY: Los Angeles

STREET: SUITE 4700

CITY: Los Angeles

STREET: SOUTINGE EVEN:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: Storage

COMPUTER READABLE FORM:

MEDIUM TYPE: Storage

COMPUTER: IBM COMPATIBLE

OPERATION SYSTEM: IBM P.C. DOS 5.0

SOFTWANE: Word Perfect 5.1

COMPUTER: December 23, 1994

PRICATION NUMBER: 32,327

REPERSYCE/DOCKET NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 32,327
                                 1;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                             RESULT 385
US-08-363-240A-139
is Sequence 139, Application US/08363240A
is Patent No. 5706388
is GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pisgaier, Charles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 386
US-08-363-240A-140
; Sequence 140, Application US/08363240A
; Parent No. 5705388
; PARERAL INFORMATION:
APPLICANT: Couture, Larry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 67.3510
INFORMATION FOR SEQ ID NO: 1. SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLICGY: linear
US-08-363-240A-139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          675 ACGAGICCAAGGCA 688
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                                                                                                        72 CACACGCACACACC 85
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Calvin B. Harley
APPLICANT: Scott L. Weinrich
APPLICANT: Catherine Strahl
APPLICANT: Catherine Strahl
APPLICANT: Catherine Strahl
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
TITLE OF INVENTION: CONDITIONS RELATED TO TELEOMERE
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Pifth Street
STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER REDABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASCIFICATION DATA: including application
FRIOR APPLICATION DATA: described below:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION DATA: 1993
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: January 19, 1993
APPLICATION NUMBER: 32,327
REFERENCE CHOCKET NUMBER: 32,327
REFERENCE CONTENTION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR EGQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 388
US-08-151-477A-52/C
Sequence 52, Application US/08151477A
Sequence 52, Application US/08151477A
REPLICANT: Machael D. West
APPLICANT: Woodring E. Wright
APPLICANT: Woodring E. Wright
APPLICANT: Blizabeth Blackburn
APPLICANT: Calvin B. Harley
APPLICANT: Calvin B. Harley
APPLICANT: Catherine Strahl
APPLICANT: Catherine Strahl
APPLICANT: Michael J. McEachern
APPLICANT: Homayoun Vaziri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      235 GGGGTTCGGGAAGA 248
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-311-486C-58
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET:
STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
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                                                                                    APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
TITLE OF INVENTION: OF VASCULAR DISEASES
CORRESPONDENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 387
US-08-311-486C-58/C
Sequence 58, Application US/08311486C
Patent No. 5811300.
GENERAL INFORMATION.
APPLICANT: Sean Sullivan
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: Dan T. Stinchcomb
TITLE OF INVENTION.
TITLE OF INVENTION.
TITLE OF INVENTION: DISBASES OR CONDITIONS
TITLE OF INVENTION: DISBASES OF
TITLE OF INVENTION: TAP-'
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTER: U.S.A.

ZIP: 90071

COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 1EM Compatible
COMPUTER: 1EM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NOWBER: 18, 1994
PRIOR APPLICATION NOWBER: 32, 327
REPERRENCE/DOCKET NOWBER: 32, 327
REPERRENCE/DOCKET NOWBER: 32, 327
REPERRENCE/COCKET NOWBER: 32, 327
R
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                  McSwiggen, James
Bisgaier, Charles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               675 ACGAGTCCAAGGCA 688
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                                                                     Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
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Live 4; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Nam Woo Kim
APPLICANT: Nam Woo Kim
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: TERARAY AND DIAGNOSIS OF
TITLE OF INVENTION: TEOLOMERE LENGTH AND/OR
TITLE OF INVENTION: TEOLOMERE LENGTH AND/OR
TITLE OF INVENTION: TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Sai West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
STATE: California
CCUNTRY: U.S. Angeles
STATE: California
CCUNTRY: U.S. Angeles
STATE: California
CCUNTRY: U.S. Angeles
COUNTRY: U.S. Angeles
CONFUTER: STATE
MEDIUM TYPE: Storage
CONFUTER: IBM COMPATION
CORRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/819,867
FILING DATE: March 14, 1997
CLASSIFICATION NUMBER: 08/153,051
FILING APPLICATION NUMBER: 08/153,051
FILING APPLICATION NUMBER: 08/153,051
FILING APPLICATION NUMBER: 1997
FILING APPLICATION NUMBER: 1997
FILING APPLICATION NUMBER: 1997
FILING APPLICATION NUMBER: 12, 1993
APPLICATION NUMBER: METCH 12, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 79, Application US/08819867
Patent No. 6007989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Catherine M. Strahl
Michael J. Mceachern
TELEPHONE: (213) 489-1600
TELERAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE GHAACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDMESS: single
JCOOLOGY: linear
US-08-585-6848-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         34,561
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Michael D. West
Calvin B. Harley
Scott L. Weinrich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: (7.3510
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    898 GAAGGICTICTACG 911
                                                                                                                                                                                                                                                                                                                                                                                                                                2 GAGGGUCUUCUACG 15
                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 64.3<sup>3</sup>
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 390
US-08-819-867-79/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    셤
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 48, Application US/0856564B

| Sequence 48, Application US/0856564B
| Patent No. 5877021
| GENERAL INFORMATION:
| APPLICANT: Stinchcomb, Daniel T. APPLICANT: Jarvis, Thale
| APPLICANT: McSwiggen, James TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES NUMBER OF SEQUENCES: 2751
| CORRESPONDENCE ADDRESS:
  MEDIUM TYPE: 3.5 DISCLOLLY,
MEDIUM TYPE: Storage
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: TESTSEQ VEFION 1.5
CURRENT APPLICATION NUMBER: US/08/151,477A
PTILING DATE: No. 5830644ember 12, 1993
PRIOR APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REMEMATION FOR SEO ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: iBM Compatible
OOMPUTER: IBM F.C. DOS 5.0
SOFTWARE: FASTENI 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 02/096, 581
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             72 CACACGCACACACC 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15 cacacacacacc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Los Angeles
E: California
TRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY:
US-08-151-477A-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: LOS
STATE: CA
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-585-684B-48
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RESULT 399
US-08-464-011B-51/C
US-08-464-011B-51/C
Sequence 51, Application US/08464011B
Fatent No. 6368789
GENERAL INFORMATION:
HENDERAL INFORMATION:
HENDERAL INFORMATION:
HOOGLING E. WRIGHT
MOOGLING E. WRIGHT
MOOGLING E. WRIGHT
MOOGLING E. WRIGHT
                 Sequence 627, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       132 TCATCAGTTCCATG 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14 rchrchtrrcchrg 1
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
CORGANISM: Homo sapiens
US-09-081-646-627
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Matches
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0.8%; Score 12.4; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels
                                                                                                                      Query Match

0.8%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                         COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb.
MEDIUM TYPE: 81.5" Diskette, 1.44 Mb.
MEDIUM TYPE: BROTAGE
COMPUTER: IEM COMPATIBLE
COMPUTER: IEM COMPATIBLE
CONFURENT IEM COMPATIBLE
CORRENT APPLICATION DATA:
APPLICATION NOWBER: US/09/038,073
FILING APPLICATION DATA:
APPLICATION NOWBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION NOWBER: 08/58,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WALDLEY, RICHARD:
ATTORNEY/AGENT INFORMATION:
NAME: WALDLEY, RICHARD:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         898 GAAGGICTICTACG 911
                                                                                                                                                                                                         72 CACACGCACACACC 85
                                                                                                                                                                                                                                              15 cacacacacacaca
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                           RESULT 391
US-09-038-073-48
                                                                                US-08-819-867-79
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GAGGGCCUCCUACG 15

RESULT 392

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JOHNSTON IN COMPANIAL MANAGEMENT APPLICANT: Kinzler, Kenneth APPLICANT: Vogelstein, Bert APPLICANT: Zhou, Wein TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and TITLE OF INVENTION: Cancer Cells TITLE OF INVENTION: Cancer Cells FILE REFERENCE: 01107.74664; CURRENT APPLICATION NUMBER: US/09/081,646; CURRENT FILING DATE: 1998-05-20; EARLIER FILING DATE: 1997-05-21; NUMBER OF SEQ ID NOS: 871

SOFTWARE: PastSEQ for Windows Version 3.0

LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 / Match 0.8%; Score 12.4; DB 1; Length 15; Local Similarity 92.9%; Pred. No. 2e+02; nes 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       THERAPY AND DIAGNOSIS OF CONDITION RELATED TO TELOMERE LENGTH AND/OR TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ECOMPUTER: IBM COMPACTIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD FERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,011B
FILING DATE: O5-Un-1955
CLASSIFICATION: <UNKnown.>
PRIOR APPLICATION NUMBER: 07/882,438
FILING DATE: MAY 13, 1993
APPLICATION NUMBER: 08/038,766
FILING DATE: MAY 13, 1993
APPLICATION NUMBER: 08/038,766
FILING DATE: MAY 13, 1993
APPLICATION NUMBER: 08/060,952
FILING DATE: MAY 13, 1993
APPLICATION NUMBER: 08/060,952
FILING DATE: MAY 13, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
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Gaps

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LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "Nucleotide 1 is H2N-(CH2)6-OPO2-5'O-C.'
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0.8%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                           Score 12.4; DB 1; Length 15;
Pred. No. 2e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                    RESULT 395
US-07-991-199D-8/C

Sequence 8, Application US/07991199D

Patent No. 5574142

GENERAL INFORMATION:
APPLICANT: Meyer Jr., Rich B.
APPLICANT: Gall, Alexander A.
APPLICANT: Gall, Alexander A.
TITLE OF INVENTION: Peptide Linkers For Improved
TITLE OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klein & Szekeres
STREET: 11vine
CITY: Irvine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 92718
ZIP: 92718
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/991,199D
FILING DATE: 15-DEC-1992
CLASSIFICATION: 435
                                      ;
TOPOLOGY: linear
;
US-09-378-535-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY AGENT INFORMATION:
NAME: S2ekeres, Gabor L.
REGISTATION UNDRER: 28,675
REFERENCE/DOCKET NUMBER: 491-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (714) 854-5502
TELEPAX: (714) 854-4897
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                               Query Match 0.8%; Sco
Best Local Similarity 92.9%; Pro
Matches 13; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Hepatitis B virus FEATURE:
LENGTH: 15 base pairs
                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   533 TGGGACGAAGATGG 546
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                                                                                                                                                                                                                                    72 CACACGCACACACC 85
                                                                                                                                                                                                                                                                           15 cacacacacacac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      U.S.A.
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HYPOTHETICAL: NC
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ð
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                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 12.4; DB 1; Length 15; Best Local Similarity 92.9%; Pred. No. 2e+02; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kin
Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
TELONDTIONS RELAFED TO
TEOLOWERE LENGTH AND/OR
TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMPUTER: 18M Compatible
COMPUTER: 18M Compatible
COMPUTER: 18M Compatible
COMPARE: FastsESD for Windows 2.0
SOFTWARE: FastsESD for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Nug-1999
CLASSIFICATION NUMBER: 08/819,867
FILING DATE: -Unknown>
APPLICATION NUMBER: 08/819,867
FILING DATE: -Unknown>
ATTORNEY/AGENT INFORMATION:
MAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REPERENCE/DOCKET WINBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEBRONE (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Augeles
STATE: California
COUNTRY: U.S.A.
ZIP: 2071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                      INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
TENGTH: 15 base pairs
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-08-464-0118-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 394
US-09-378-535-79/C
; Sequence 79, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
Calvin B. Harley
                         TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
  TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                  72 CACACGCACACACC 85
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Length 16;
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| Sequence 349, Application US/0874310
| Patent No. 5877022
| GENERAL INTERNATION:
| APPLICANT: Revision, Daniel T. APPLICANT: Newton, Roger S. APPLICANT: Newton, Roger S. APPLICANT: Newton, Roger S. TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
| TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
| TITLE OF INVENTION: PLASNA LIPOPROTEIN (a) [LP(a)] BY
| TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN (b) [LP(a)] BY
| TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN (c) [LP(a)] BY
| TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN (c) [LP(a)] BY
| TITLE OF INVENTION: SADDRESS:
| ADDRESSEE: Lyon & Lyon | STREET: 633 West Elpth Street (c) STREET: Saite 4700
        : Dennis R. Hoerner, Jr., Monsanto Co. BB4F 700 Chesterfield Parkway No. 5824857th
                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

SEGTWARE: PatentIn Release #1.0, Version #1.25

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/789,738

FLINO DATE: 19920330

CLASSIPICATION: 435

ATTORNEY/AGBNT INFORMATION:

REGISTRATION NUMBER: 30.914

REPERRENCE/POCKET NUMBER: 38-21(10540)A

TELEPHONE: (314)537-609

TELEPHONE: (314)537-609

TELEPHONE: (314)537-609

TELEPHONE: (314)537-6047

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: NUCLEIC ACID

TYPE: NUCLEIC ACID

TOPPING: 11-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 12.4; DB 1;
Pred. No. 2.3e+02;
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0.8%; Score 12.4; D
Best Local Similarity 92.9%; Pred. No. 2.3e
Matches 13; Conservative 0; Mismatches
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,310
FILING DATE: December 23, 1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 897 AGAAGGICTICIAC 910
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STATE: California
COUNTRY: U.S.A.
                                                                            St. Louis
Missouri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 398
US-08-774-310-349/c
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        ADDRESSEE:
STREET: 70
                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-789-738-1
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                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Ramharack, Randy
ITLLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
ITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
ITLE OF INVENTION: 392
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 12.4; DB 1; Length 16; Best Local Similarity 92.9%; Pred. No. 2.3e+02; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 M5
MEDIUM TYPE: 3.5" Diskette, 1.44 M5
MEDIUM TYPE: 6torage
COMPUTER READABLE
COMPUTER IBM P.C. DOS 5.0
SOFTWARE: FASTENG Version 1.5
CURRENT APPLICATION DATA:
APPLICATION DATE: September 23, 1994
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION TOWBER: 18/08
FILING DATE: SEPTEMBER: 23, 1994
FILING DATE: 1000 DATA:
APPLICATION TOWBER: 1000 DATA:
APPLICATION TOWBER: 1000 DATE: 1000 DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 397
US-07-789-738-1
i Sequence 1 Application US/07789738
i Patent No. 5824857
i GENERAL INFORMATION:
APPLICANT: Beachy, Roger N.
TILLE OF INVENTION:
ITLE OF INVENTION: Plant Promoter
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ** ATTONRY AMENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELERA: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEG ID NO: 349:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STREE: (123) 955-0440
TELEX: (124) 955-0440
TELEX: (125) 955-0440
                                                                                                                                                        US-08-311-760A-349/c
; Sequence 349, Application US/08311760A
; Patent No. 5599706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1485 GGCTCCTGGACAGC 1498
16 TGTGACGAAGATGG 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
US-08-311-760A-349
                                                                                                                      RESULT 396
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) LOCATION: 1
) OTHER INFORMATION: /mod_base= OTHER
) OTHER INFORMATION: /note= "Nucleotide 1 is H2N-(CH2)6-OPO2-5'O-C."
PCT-US93-12246-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 400
US-08-271-94A-77/c
Sequence 77, Application US/08271942A
Sequence 77, Application US/08271942A
Setent No. 5550020
GENERAL INFORMATION:
APPLICANT: Gallie, Brenda L.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosia TITLE OF INVENTION: and Targeted Screening for Retinoblastoma NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ..
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                                                                                                                                                                                                                                            Score 12.4; DB 1; Length 16;
Pred. No. 2.3e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; NAWE/KEY: primer for exon 1 of human RB1 gene US-08-271-942A-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZUT: 10598-4412

ZUT: 10598-4412

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURSENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,942A
FILING DATE: 08-UUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: MATION T. LATSON
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN
TELECOMUNICATION INFORMATION:
TELEPHONE: (914) 244-3252
TELEPHONE: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECTLE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 92.9%;
Matches 13; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                      533 TGGGACGAAGATGG 546
                                        modified_base
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Best Local Similarity 92.9
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                               NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: N
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 12.4; DB 1; Length 16; Best Local Similarity 92.9%; Pred. No. 2.3e+02; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT-US93-12246-8/c
| Sequence 8, Application PC/TUS9312246
| Sequence 8, Application |
| APPLICANT: Meyer Jr., Rich B. APPLICANT: Gall, Alexander A. APPLICANT: Reed, Michael W. TITLE OF INVENTION: Peptide Linkers For Improved | TITLE OF INVENTION: Peptide Linkers For Improved | TITLE OF SEQUENCES: 12 CORRESPONDENCE | 10 CORRESPONDENCE | 12 CORR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/12246
FILING DATE: 15-DEC-1993
CLASSIETCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,199
FILING DATE: 15-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Szekeres, Gabor L.
REGISTRATION NUMBER: 28,675
REFERENCE/DOCKET NUMBER: 28,675
TELECOMMUNICATION NUMBER: 491-04-PA
TELECOMMUNICATION INFORMATION:
APPLICATION NUMBER: 08/311,760
FILING DATE: September 23, 1994
ATTONEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REPERBENGE/DOCKET NUMBER: 223/229
TELEPRANICATION INFORMATION:
TELEPRANICATION INFORMATION:
TELEPRANICATION INFORMATION:
TELER 67-5310
INFORMATION FOR SEQ ID NO: 349:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDENS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
ZIP: 92715
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Hepatitis B virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1485 GGCTCCTGGACAGC 1498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (714) 854-5502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (714) 854-4897
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: linear
US-08-774-310-349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 399
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TITLE OF INVENTION: Broad art and Their TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their TITLE OF INVENTION: Prom Actinomycetes, Method of Isolating Them, and Their ITLE OF INVENTION: Use.

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Founer STREET: 1300 I Street, N.W.

CITY: Washington Street, N.W.

STREET: D.C.

COUNTRY: United States

STREET: B.C.

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Breentin Release #1.0, Version #1.25

COMPUTER: Date: 25-AUG-1994

COMPUTER: 25-AUG-1994

ATTONNEY/AGENT INFORMATION:

NAWE: Ogden, Statia L.

REGISTRATION NUMBER: 36,228

RESISTRATION NUMBER: 36,228

RESISTRATION NUMBER: 36,228

RESISTRATION NUMBER: 36,284

TELECHONE: 202-408-4000

TELECHONICATION INFORMATION:

TELECHONE: 202-408-4000

TELECHOMANDER: 202-408-4000

TELECHOMANDER: 202-408-4000

TELECHOMANDER: 202-408-4000

TELECHOMANDER: 202-408-4000
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Sequence 8, Application US/08681953

Patent No. 571032

GENERAL INFORMATION

APPLICANT: Stockmann, Michael

APPLICANT: Taleghani, Kampiz Mansouri

APPLICANT: Sichel, Petra

APPLICANT: Handerson, Farabow, Garrett & ADDRESSEE: Dunner

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1300 I Street, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
Grabley, Susanne
Sichel, Petra
Brau, Barbara
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 202-408-4400
INPORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1277 GCCTTCGCGCCCTT 1290
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 403
US-08-681-953-8/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: D
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-196-218-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kampiz Mansouri
APPLICANT: Taleghani, Kampiz Mansouri
APPLICANT: Distler, Jurgen
APPLICANT: Grabley, Susanne
APPLICANT: Sichel, Petra
APPLICANT: Sichel, Secondary-Metabolite Biosynthesis Genes
TITLE OF INVENTION: Use.
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: D.C.
COUNTRY: United States
ZIP: 20.05-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: TADAPLY disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
SUFFWARE: Patentin Release #1.0, Version #1.25
SUFFWARE: Patentin Release #1.0, Version #1.25
SUFFWARE: Patentin Release #1.0, Version #1.25
ATORNENT APPLICATION NUMBER: US/08/196,218
FILING DATE: 25-AUG-1994
CLASSIFICATION NUMBER: US/08/196,218
REFERENCE/DOCKET NUMBER: 02481.1372-00000
TELEPROMINICATION INFORMATION:
TELEPROMINICATION INFORMATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Finnegan, Henderson, Parabow, Garrett ADDRESSEE: Dunner STREET: 1300 I Street, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Piepersberg, Wolfgang
Stockmann, Michael
Taleghani, Kampiz Mansouri
Distler, Jurgen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/08196218
Patent No. 5614619
GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kampiz Mansc
APPLICANT: Taleghani, Kampiz Mansc
APPLICANT: Distler, Jurgen
                                                                                                                                                                                                                                                                 RESULT 401
US-08-196-219-8/c
US-08-196-219-9/c
; Patent No. 5614619
; GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang, APPLICANT: Stockmann, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-196-218-8
                                           1323 CGCCCGCGCGCACG 1336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1277 GCCTTCGCGCCCTT 1290
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                                                                                                 14 CGCCCGCGCTCACG 1
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 402
US-08-196-218-9
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US-06-748-068-11
Sequence 11, Application US/08748068
Patent No. 5770410
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Chiral Synthesis
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PELDENG MISSIBLE
COMPUTER: PELDENG MISSIBLE
COMPUTER: IDM PC COMPATIBLE
COMPUTER: PLOPPY MISSIBLE
COMPUTER: DECENT: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
APPLICATION NUMBER: US/08/748,068
FILING DATE: 05-OCT-1994
APPLICATION NUMBER: GB 92 02033.8
FILING DATE: 05-OCT-1994
APPLICATION NUMBER: GB 92 04702.6
FILING DATE: 06-OCT-1994
APPLICATION NUMBER: GB 93/00204
FILING DATE: 06-OCT-1994
APPLICATION NUMBER: GB 93/00204
INFORMATION FOR SEQ ID NO.
SEQUENCE CHARACTERISTICS:
CHARMATION FOR SEQ ID NO.
CHARMATICAL ACTIVE A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 2.7e+02; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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llarity 92.9%; Pred. No. 2.7e+02;
Conservative 0; Mismatches 1;
ATTORNEY/AGENT INFORMATION:

NAME: Ogden, Stasia L.

REGISTRATION NUMBER: 36,228

REFERENCE/DOCKET NUMBER: 02481.1372-00000

TELECOMMUNICATION INFORMATION:
TELEPRONE: 202-408-4400

TELEPRONE: 202-408-4400

TELEPRONE: 202-408-4100

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

LENGTH: 17 base pairs

LENGTH: 17 base pairs

TOPOLOGY: linear

MOLECULE TYPE: DNA (Genomic)

US-08-681-953-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 406
US-08-485-689-27/c
; Sequence 27, Application US/08485689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1173 CCGCGGGCGCCTAC 1186
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Best Local Similarity
Matches 13; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-748-068-11
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APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kampiz Mansouri
APPLICANT: Taleghani, Kampiz Mansouri
APPLICANT: Distler, Jurgen
APPLICANT: Sichel, Petra
APPLICANT: Sichel, Petra
APPLICANT: Sichel, Petra
APPLICANT: Sichel, Petra
APPLICANT: Sichel, Method of Isolating Them, and Their
TITLE OF INVENTION: Use:
TITLE OF INVENTION: Use:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORREATIONS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/681,953
FILING DATE: 30-JUL-1996
CLASSIFICATION: A35
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/196,218
FILING DATE: 25-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: QGGen, Steasia L.
REGISTRATION NUMBER: 36,228
REFRENCE/DOCKET NUMBER: 36,248
REFRENCE/DOCKET NUMBER: 36,4400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett
ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 404
US-08-681-953-9
'Sequence 9, Application US/08681953
'Patent No. 5710032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 202-400-4400
INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1277 GCCTTCGCGCCCTT 1290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-681-953-8
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US-US-US-1/1 Application US/08478608B

Patent No. 586939

GENERAL INPORMATION:

APPLICANT: Tritz, Richard H.

TTLE OF INVERTION:

TTLE OF INVERTION:

APPLICANT: Tritz, Richard H.

TTLE OF INVERTION:

APPLICANT: Triz, Richard H.

TTLE OF INVERTION:

ADDRESSE:

CORRESPONDENCE ADDRESS:

ADDRESSE:

CORRESPONDENCE ADDRESS:

ADDRESSE:

COOPER & Dunham Lip

STREET: New York

COUNTRY: United States Of America

ZIP: 10036

COMPUTER: New York

SOFTWARE: New York

COMPUTER: Date:

ATTORNEY AGENT INPORMATION:

APPLICATION WINDER: US/08/478,608B

FILING DATE: O'-JUN-1995

CLASSIFICATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 28,678

REFERENCE/DOCKET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 17;
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0.8%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 1;
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0.8%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 1;
                                                                                                 43863-DZ/JPW/KJP
                  REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 43863
REFERENCE/DOCKET NUMBER: 43863
TELECOMMUNICATION INPORMATION:
TELEPAN: 212-278-0400
INFORMATION FOR SEQ ID NO: 5EQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
US-08-476-021A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
US-08-478-608B-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1345 CGGGACAGGGGG 1358
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SEQUENCE CHARACTERISTICS:
TWATH: 17 base pairs
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 408
US-08-478-608B-27/c
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITILE OF INVENDITON:
FITHE OF INVENDITON:
CORRESPONDENCE SO
CORRESPONDENCE ADDRESS:
ADDRESSE:
COUNTRY: Object & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
COUNTRY: United States Of America
STATE: New York
STATE: Hoppy disk
CONFUTER: EMADALE FORM:
MEDLING TYPE: Floppy disk
COMPUTER: TEM FC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Petentin Release #1.0, Version #1.30
COMPUTER: DATE: 07-00-1995
CIMPARITY APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-00-1995
CIASSIFICATION: 435
ATTORNEY/AGRIT INFORMATION:
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET WUMBER: 43663-CIX/JPW/KJP
TELEPRA: 212-278-0400
TELEPRA: 212-278-0400
TELEPRA: 212-278-0400
TELEPRA: 212-278-0400
TELEPRA: 212-278-0400
TELEPRA: 212-278-0400
TELEPRA: DASSES: Single
STATE: TYPE: nucleic acid
STATE: TYPE: nucleic acid
STATE: TYPE: nucleic acid
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US-08-476-021A-27/C

Sequence 27, Application US/08476021A

Patent No. 5858785

GENERAL INFORMATION:

APPLICANT: Hampel Arnold E.

APPLICANT: Titz, Richard H.

TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP

STREET: 1185 Avenue of the America

CITY: New York

STATE: New York

COUNTRY: United States Of America

ZIP: 10036

COMPUTER: Topy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: SPELIADIN SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIN Release #1.0, Version #1.30

CURRENT APPLICANTON DATA:

COMPUTER: PATENTEN DATA:

COMPUTER: APPLICATION DATA:

COMPUTER: PATENTEN Release #1.0, Version #1.30
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FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; MOLECULE TYPE: RNA (genomic) US-08-485-689-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1345 CGGGGACAGCGGCG 1358
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     15 CGGGGACAGGGGCG 2
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Sequence 8, Application US/08167641C
Sequence 10. 6033884
GENERAL INFORMATION:
APPLICANT: Mon. Savio L.C.
APPLICANT: Gritian. Bouis C.
APPLICANT: Cristian. Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: MCHOLEIC ACID TRANSPORTER SYSTEMS
TITLE OF INVENTION: MCHOLEIC ACID TRANSPORTER SYSTEMS
TITLE OF INVENTION: MCHOLEIC ACID TRANSPORTER SYSTEMS
STRESS OORRESPONDENCE: 65
CORRESPONDENCE: 65
CORRESPONDENCE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 17;
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CTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-460-890A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 12.4; DB 1; 92.9%; Pred. No. 2.7e+02; tive 0; Mismatches 1;
                                                                                                      COUNTRY: U.S.A.

COUNTRY: U.S.A.

COUNTRY: U.S.A.

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEG for Windows 2.0
CURRENT APPLICATION DATA: U.S.A.

APPLICATION NUMBER: US/08/460,890A
FILING DATE: December 14, 1993
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
APPLICATION NUMBER: PCT/US93/02725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REPRENCE/DOCKET NUMBER: 212/066
TELEPRENCE/DOCKET NUMBER: 212/066
TELEPRENCE/DOCKET NUMBER: 212/066
TELEPRENCE (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: mucleic acid
STRANDEDIESS: single
TYPE: MOLECTLE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16 AGGGAGAGAGGGAG 29
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Best Local Similarity 92.99
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17 AGGGAGAGAGAGAG 4
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STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-167-641C-8/c
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US-08-460-890A-8/c

Sequence 8, Application US/08460890A

Sequence 8. Application US/08460890A

Patent No. 5994109

GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Gottchalk, Stephane, Richard J.
APPLICANT: Gottchalk, Stephane, Systems and TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 2.7e+02; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIE: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
APPLICATION DATA:
RILING DATE:
                                                             US-08-99-021-16
| Sequence 16, Application US/08849021
| Sequence 16, Application US/08849021
| Patent No. 595276
| GENERAL INFORMATION:
| APPLICANT: WORGANTE, MICHELE
| APPLICANT: WORGANTE, MICHELE
| TITLE OF INVENTION: COMPOUND MICROSATELLITE
| TITLE OF INVENTION: PRIMERS FOR THE
| TITLE OF INVENTION: POLYMORPHISMS |
| TITLE OF INVENTION: POLYMORPHISMS |
| NUMBER OF SEQUENCES: 89 |
| CORRESPONDENCE ADDRESS: 80 |
| CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: E. I. DU PONT DE NEMOURS AND ADDRESSEE: COMPANY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33.692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECHONDICATION INFORMATION:
TELECHONE: 302-992-7949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 Dase pairs

    MOLECULE TYPE: DNA (genomic)
US-08-849-021-16
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U CIP-
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19.06-98-162-221/c

10.06-98-162-221/c

10.06-98-163-221/c

10.06-98-163-2
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0.8%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
                         FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPRAY: (213) 489-1600
TELEPRAX: (213) 955-0440
TELEPRAX: (213) 955-0440
TELERAX: 67-3510
INFORMATION FOR SEQ ID NO: 220: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                348 TCTCCAGAAACTCC 361
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY:
US-08-985-162-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 2.7e+02; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 412

US-08-985-162-220/c

i Sequence 220, Application US/08985162

i RESTART INFORMATION: Achieved Sequence 200 Septiment APPLICANT: Achieved Sequence Environment Of Distars Or Contract Or INVENTION: TITLE OF INVENTION: TO LEVELS OF PEIDERMAL GROWTH TITLE OF INVENTION: PACTOR RECEPTORS

I TITLE OF INVENTION: TO LEVELS OF PEIDERMAL GROWTH TITLE OF INVENTION: PACTOR RECEPTORS

INVENTION: PACTOR RECEPTORS

INVENTION: PACTOR RECEPTORS

INVENTION: SAUTH 4700

STREET: Gailfornia CONTRICE: Sauth 4700

CITY: LOS Angeles

STREET: Gailfornia Storage

COMPUTER: IBM Compatible

COMPUTER: Storage

COMPUTER: IBM Compatible

COMPUTER: STORAGE

SOFTWARE: Fastersof for Windows 2.0

SOFTWARE: Fastersof for Windows 2.0

SOFTWARE: Fastersof for Windows 2.0

APPLICATION NUMBER: US/08/985,162

FILING DATE: 04 December 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: "C" stands for 5-methylcytosine US-08-167-641C-8
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIPTCATION: 435
PRIOR APPLICATION NUMBER: 07/855,389
FRIOR APPLICATION NUMBER: 07/855,389
FRIING DATE: March 19, 1993
APPLICATION NUMBER: 20, 1992
APPLICATION NUMBER: 20, 1993
APPLICATION NUMBER: 32,327
REFERENCE/DECKET NUMBER: 32,327
REFERENCE/DECKET NUMBER: 205/012
RECISTRATION NUMBER: 32,327
REFERENCE/DECKET NUMBER: 205/012
TELECHONE: (213) 955-0440
TELECHONE: (213) 955-0440
TELECHONE: 67-5510
TELECHONE: 67-5510
TELECHONE: 67-5510
TELECHONE: APPLICATION: 8:
SEQUENCE CHARACTERISTICS:
LINGRAH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16 AGGGAGAGAGCGAG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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14 CGCCCGCGCTCACG 1

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Sequence 10, Application US/08998099A

Patent No. 6103890

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT FILING DATE: 1997-12-24
EARLIER PILING DATE: 1997-01-23
EARLIER FILING DATE: 1995-01-13
EARLIER PILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SEQ ID NO 10
SEQ ID NOS: 375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: JARVIS, THALE
APPLICANT: JARVIS, THALE
APPLICANT: JARVIS, THALE
APPLICANT: AMENICANI JARVIS, JAMES A.
APPLICANT: MINENTION: BAZYMATC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: BAZYMATC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: BAZYMATC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: BAZYMATC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: BAZYMATC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: BAZYMATES: 131/175
CURRENT APPLICATION NUMBER: 60/037,658
BARLIER FILING DATE: 1995-01-13
BARLIER PILING DATE: 1995-01-13
BARLIER PILING DATE: 1995-01-13
BARLIER FILING DATE: 1995-01-13
SOFTHARE: FRILING DATE: 1996-01-13
SOFTHARE: FRILING DATE: 1996-01-13
SOFTHARE: FRILING DATE: 1997-01-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 12.4; DB 1; Length 17; 64.3%; Pred. No. 2.7e+02; Live 4; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 12.4; DB 1; Length 17; 92.9%; Pred. No. 2.7e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-998-099-47; Sequence 47, Application US/08998099A; Patent No. 6103890
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CRGANISM: Homo sapiens
US-08-998-099-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 13; Conserv
                                                                                                                                          US-08-998-099-10/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-998-099-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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0
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APPLICANT: Gallie, Brenda L.
APPLICANT: Gallie, Brenda L.
APPLICANT: Gallie, James M.
APPLICANT: Stevens, John K.
APPLICANT: Hui, May
TITLE OF INVENTION: and Targeted Screening for Retinoblastoms
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
ADDRESSE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
                                                                                                                                                                                  ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 12.4; DB 1; Length 17; Best Local Similarity 92.9%; Pred. No. 2.7e+02; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                               Query Match
0.8%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) NAME/KEY: primer for exon 1 of human RB1 gene US-08-779-916A-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: YOKTOWN Herghts
STATE: NOKTOWN Herghts
COUNTRY: USA
ZIP: 10598-44412
COMPUTER READABLE PORN:
WEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM COMPATED.
COMPUTER: BM COMPATED.
COMPUTER: Word Perfect
COMPUTER: WORD CANNING C
                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 414
US-08-775-916A-77/c
Sequence 777, Application US/08779916A
; Patent No. 6063567
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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
                                                                                                                                                                                                                                                             348 TCTCCAGAAACTCC 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (914) 962-4330
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SEQUENCE CHARACTERISTICS:
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
; TOPOLOGY: linear
US-08-985-162-221
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Gaps

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1323 CGCCCCCCCCACG 1336

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; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-120
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                                  Sequence 48, Application US/08998099A

Sequence 48, Application US/0898099A

Patent No. 6103890

GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATICN
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REPERENCE: 231/175
CURRENT APPLICATION NUMBER: 06/037,658
EARLIER PILING DATE: 1997-01-23
EARLIER PILING DATE: 1997-01-13
EARLIER PILING DATE: 1997-01-13
EARLIER PILING DATE: 1995-01-13
EARLIER PILING DATE: 1995-01-18

SEALIER PILING DATE: 1995-01-18

SEALIER PILING DATE: 1995-01-18

SEALIER PILING DATE: 1997-01-18

SEQ ID NOS: 375

SOFTWARE: FREEKQ for Windows Version 3.0

LENGTH: 17
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US-08-998-099-75/C

i Sequence 75, Application US/0898099A

i Patent No. 6103800

i GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: APRICANT: MAKIS A.

TITLE OF INVENTION: BNZYMATIC NUCLEIC ACID TREATMENT OF DISEASES

TITLE OF INVENTION: BNZYMATIC NUCLEIC ACID TREATMENT OF DISEASES

TITLE OF INVENTION: BNZYMATIC NUCLEIC ACID TREATMENT OF DISEASES

TITLE OF INVENTION: BNZYMATIC NUCLEIC ACID TREATMENT OF DISEASES

TITLE OF INVENTION: BNZYMATE: US/08/998,099A

CURRENT PILING DATE: 1997-112-24

EARLIER APPLICATION NUMBER: 08/373,124

EARLIER PILING DATE: 1995-01-13

EARLIER FILING DATE: 1995-01-13

EARLIER FILING DATE: 1994-05-18

NUMBER OF SEQ ID NOS: 375

SOFFWARE: FESELSEQ FOR Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Indels
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Matches 13, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 64.3
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-08-998-099-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-75
RESULT 417
US-08-998-099-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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RESOURT 422A-27/C
US-08-476-422A-27/C
US-08-476-422A-27/C
Sequence 27, Application US/08476423A
Factor No. 6221661
GENERAL INPORMATION:
APPLICANT: Tritz, Richard H.
TITLE OF INPURNION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
UNMERS OF SEQUENCES: 90
COMPRESSE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
COMPRESSE: Cooper & Dunham LLP
STREET: 10036 Avenue of the Americas
COMPUTER: New York
STREET: 10036 Avenue of the Americas
COMPUTER: RADABLE FORM:
MEDIUM TYPE: FLODS/WS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
COMPUTER: Datentin Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REIEFRANION NUMBER: 23.678
ATTORNEY/AGENT INFORMATION:
TELEPHONE: 212-278-0400
INFORMATION FOR SEQ 1D NO: 27:
SEQUENCE CHARACTERISTICS:
LEBOTH: 17 Dass pairs
TTELEPHONE: 212-278-0400
INFORMATION FOR SEQ 1D NO: 27:
STRANDENDESS: single
TURES SINGLESS: SINGLE
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                                                                                                                                                                                                                                                                                                                                                                                                                   Length 17;
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                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: "C" stands for 5-methylcytosine
                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

0.8%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 1;
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0.8%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 1;
                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
FRATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: RNA (genomic) US-08-476-423A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1345 CGGGGACAGCGGCG 1358
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          TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
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US-08-584-040-5410/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 17;
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Sequence 8, Application US/08462040

Sequence 8, Application US/08462040

Sequence 8, Application US/08462040

GENERAL INFORMATION:
APPLICANT: Smith, Louis C.
APPLICANT: Smith, Louis C.
APPLICANT: Getchalk, Stephen
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: "C" stands for 5-methylcytosine US-08-460-971A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 12.4; DB 1; Best Local Similarity 92.9%; Pred. No. 2.7e+02; Matches 13; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: CAILLOFHIA
COUNTRY: CAILLOFHIA
ZIP: 90071-206
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 6.0 Diskette, 1.44 Mb
MEDIUM TYPE: 815" Diskette, 1.44 Mb
MEDIUM TYPE: 800896
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FRANCE IBM P.C. DOS 5.0
SOFTWARE: PARKENG for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: POTY/US93/02725
FILING DATE: March 19, 1993
ATTONNEY/AGENT INFORMATION:
NAME: WAIDLING BATE: MARCH 19, 1993
ATTONNEY/AGENT INFORMATION:
NAME: WAIDLING SAIDSTERM AND SAIDSTERM SAIDSTERM AND SAIDSTERM S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: Other nucleic acid
PTLING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/0
TELECOMMUNICATION INFORMATION:
TELEPAN: (213) 955-0440
TELEX. (213) 955-0440
TELEX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYRE: NUCLEIC acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAVE. 22/27
REGISTRATION NUMBER: 212/
REPERENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16 AGGGAGAGAGCGAG 29
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STATE: California
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Page 149

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UK-30UL 423
UK-30-474-423B-697/C

Sequence 697, Application US/09474432B

Patent No. 6525640

GRUERAL INCORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bacigalman, Leo
APPLICANT: Savedler: David
APPLICANT: Zinnen, Savedler: David
APPLICANT: Winder: US 09/44,432B
CURRENT FILING DATE: 1999-12-19
PRIOR FILING DATE: 1998-01-29
PRIOR FILING DATE: 1998-01-04
APPLICANTON NUMBER: US 09/201,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARKE: Patentin version 3.0
SEQ ID NO 697
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 12.4; DB 1; Length 17; Pred. No. 2.7e+02; 0; Mismatches 1; Indels
                                                                                     CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR PILING DATE: 1999-12-19
PRIOR PLING DATE: 1997-11-05
PRIOR PLING DATE: 1998-04-29
PRIOR PLING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR PLING DATE: 1999-11-04
PRIOR PRIOR PRIOR DATE: 1999-11-04
PRIOR PLING DATE: 1999-11-04
PRIOR PRIOR PRIOR DATE: 1999-11-04
PRIOR PLING DATE: 1999-11-04
PRIOR PRIOR PRIOR DATE: 1999-11-04
PRIOR PRIOR DATE: 1999-11-04
PRIOR PRIOR PRIOR DATE: 
                                                              APPLICATION NUMBER: US/09/474,432B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 426
US-09-474-432B-758
; Sequence 758, Application US/09474432B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 92.9%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1301 CACGCGCTCCTGGC 1314
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ORGANISM: Homo sapiens
US-09-474-432B-697
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APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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0.8%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
                                       GENERAL INFORMATION:
APPLICANT: Bavoo, Pamela
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISBASES OR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM SYDERATION DATA: 0.500FWARRE: Word Perfect 5.1 PRILING DATE: 0.500PWARRE: 0.50005, 974 FILING DATE: 0.500PWARRE: 0
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Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc., APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Rarpeisky, Alex
APPLICANT: ApplicANT: Amenic, Jasenka
APPLICANT: Sweedler, David
; Sequence 5410, Application US/08584040
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
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US-08-584-040-5410
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US-09-474-432B-599
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Sequence 21309, Application US/09371772B

Sequence 21309, Application US/09371772B

Sequence 21309, Application US/09371772B

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Masswigsen, Jim
APPLICANT: Masswigsen, Jim
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
APPLICANT: Secobedo, Jaime
APPLICANT: Secopedo, Jaime
APPLICANT: Secobedo, Jaime
APPLICANT: Secobedo, Jaime
APPLICANT: NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR PLING DATE: 1995-08-10
PRIOR PLING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE PATENTIN VERSION 3.0
SEQ ID NO 2309
LENGTH: 17
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                                     Indels
92.9%; Pred. No. 2.7e+02;
iive 0; Mismatches 1;
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Pred. No. 2.7e+02;
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Best Local Similarity 92.9
Matches 13; Conservative
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Best Local Similarity
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US-09-371-772B-2309/c
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Squence 818, Application US/09474432B

Patent No. 6528640

GENERAL INFORMATION:

APPLICANT: Ribogram Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beigelman, Leo

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Alex

APPLICANT: Adamic, Jasenka

APPLICANT: Beedler, David

APPLICANT: Beedler, David

APPLICANT: Beedler, David

APPLICANT: Beedler, David

APPLICANT: APPLICANTON NUMBER: US 60/64,866

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-28

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICANTON NUMBER: US 69/301,511

PRIOR FILING DATE: 1998-04-28

SOFTWARRE PATENT VERBER: US 69/301,511

PRIOR FILING DATE: 1998-04-28

NUMBER OF SEQ ID NOS: 1526

SOFTWARRE: PATENTH VERBING 3.0

SEQ ID NO 818
                                                                                  APPLICANT: Belgelman, Leo
APPLICANT: Belgelman, Leo
APPLICANT: Belgelman, Leo
APPLICANT: Bendir, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Adamic, Jasenka
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
ITILE OF INVENTION: Nucleoctide triphosphate and their incorporation into oligonucleot
TILE OF INVENTION: Nucleoctide triphosphate and their incorporation into oligonucleot
TILE REPERENCE: MBHB00-831-B (247/276)
FILE REPERENCE: MBHB00-831-B (247/276)
FURENT APPLICATION NUMBER: US 60/064,866
PRIOR PILING DATE: 1999-12-10
PRIOR FILING DATE: 1999-04-29
PRIOR FILING DATE: 1999-04-29
NUMBER: US SEQ ID NOS: 1526
NUMBER: Patentin Version 3.0
SEQ ID NO 758
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                                                          APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Beigelman, Leo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   759 CCACGGTGCACCTG 772
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; ORGANISM: Homo sapiens
US-09-474-432B-758
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CORGANISM: Homo sapiens
US-09-474-432B-818
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APPLICANT: ACCOUNTS. PROCONDERM APPLICANT: MCSWiggen, Jim
APPLICANT: MCSWiggen, Jim
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re:
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re:
FILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re:
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REPERBNCE: MBHBD0,876-J (237/198)
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR PLING DATE: 1995-10-26
PRIOR PLING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                        or Conditions Rel
                                                                                                                                                                                                                                                                                    GENERAL INFOGRATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bavco, Pam
APPLICANT: Bavco, Pam
APPLICANT: Stanchcomb, Dan
APPLICANT: Stanchcomb, Dan
APPLICANT: Stanchcomb, Dan
APPLICANT: Stanchcomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
APPLICANTON: Method and Reagent for the Treatment of Diseases or Condition
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
CURRENT APPLICATION NUMBER: US /09/371,772B
CURRENT FILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 4967
LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                        US-09-371-772B-4967/c
; Sequence 4967, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
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                               1530 AGTCCAGCTGAAGC 1543
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Best Local Similarity 92.9°
Matches 13; Conservative
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; ORGANISM: Homo sapiens
US-09-371-772B-4967
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 433
US-09-371-772B-6383
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US-09-371-77BB-4966/C

Sequence 4966, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Recobedo, Jaine
APPLICANT: Escobedo, Jaine
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT PILING DATE: 1995-10-26

PRIOR PILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR APPLICATION NUMBER: US 08/584,040

NUMBER OF SEQ ID NOS: 14225

SOUTHARE: Patentin version 3.0

LENTH: 17
                                                                                                                                                                          RESULT 430

US-09-371-772B-4965/C

Sequence 4965, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Stinchconb, Dam

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

CURRENT FILING DATE: 1999-08-10

PRIOR PLING DATE: 1999-08-10

PRIOR PLING DATE: 1999-10-26

PRIOR PLING DATE: 1996-01-08

NUMBER: US 08/584,040

NUMBER: PRECEDING NUMBER: US 08/584,040

NUMBER: PRECEDING NUMBER: US 08/584,040

NUMBER: PRECEDING NUMBER: US 08/584,040

SEQ ID NOS: 14225

SOFTWARE: Patentin Version 3.0
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  Gaps
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Pred. No. 2.7e+02;
0; Mismatches 1; Indels
Indels
1;
Mismatches
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                                                   1164 GCGAGGAGGCCGCG 1177
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                                                                                                       3 GCGAGCAGGCCGCG 16
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Best Local Similarity 92.9
Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-371-772B-4965
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ORGANISM: HOMO
Matches
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                                                                                                                          PCT-US95-08604-77/C

Sequence 77, Application PC/TUS9508604

GENERAL INFORMATION:
APPLICANT: Visible Genetics Inc.
APPLICANT: HSC Reasearch and Development Limitied Partnership APPLICANT: HSC Reasearch and Development Limitied Partnership APPLICANT: Brevens U-Dhn K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis TITLE OF INVENTION: and Targeted Screening for Retinoblastome NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Laren
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 12.4; DB 1; Length 17; 92.9%; Pred. No. 2.7e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; NAME/KEY: primer for exon 1 of human RB1 gene PCT-US95-08604-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Nord Porfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08604
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                       SEE: Oppedahl & Larson
: 1992 Commerce Street, Suite 309
Yorktown Heights
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        VGEN. P-003-WO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
PLING DATE: 08-UUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-TELECHONE: (914) 245-3352
TELEPHONE: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 435
US-08-068-747-2
Sequence 2, Application US/08068747
; Patent No. 5695933
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1323 CGCCCGCGCGCACG 1336
1444 CATCCACTGGTACT 1457
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4 CAUCCACUGGUAUU 17
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STRANDEDNESS: single
FOOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14 cececececercace 1
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Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
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                                                                                                            RESULT 434
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APPLICANT: Schalling Martin

APPLICANT: Schalling Martin

APPLICANT: Schalling Martin

APPLICANT: Meason Through The Martin

APPLICANT: Meason Through The Martin

APPLICANT: Meason Through Through The Martin

NUMBER OF SEQUENCES: 11

CONDERSORE Mailton, Brook, Smith & Reynolds, P.C.

STATE: Assachment Choracter Through Throu
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Gaps
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        Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                             APPLICANT: James D. Thompson
APPLICANT: James D. Thompson
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: LEUKEMIA
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS: ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
SOFTWARE: Wordferfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:

CLASSIFICATION: 536

RIOR APPLICATION: 536

PRIOR APPLICATION 1536

PRIOR APPLICATION NUMBER: US/08/008,910

FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 197/240

TELEPHONE: (213) 955-0440

TELEPHONE: (213) 955-0440

TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 439
US-08-373-124A-1477
; Sequence 1477, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: Usavigen, James
; APPLICANT: Javvis, Thale
                                                                                                                                                                                                                                    Sequence 48, Application US/08233030; Patent No. 5639655; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1556 GGAGGGGGGGGAGGG 1572
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                                                                                          44 CGAGGAAGGGAAAGCGC 60
                                                                                                                               17 cdaddaaddaacrc 1
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-233-030-48
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| Sequence 15, Application US/08196538 |
| Patent No. 5639608 |
| Patent No. 5639608 |
| APPLICANT: Stanley Tabor |
| APPLICANT: Charles C. Richardson |
| TITLE OF INVENTION: FOR DNA SEQUENCING |
| TITLE OF INVENTION: FOR DNA SEQUENCING |
| NUMBER OF SEQUENCES: 34 |
| CORRESPONDENCE ADDRESS: ADDRESSEE: Lyon & Lyon & Lyon & Lyon & STREET: 611 West Sixth Street |
| STREET: 611 West Sixth Street |
| CITY: Los Angeles |
| STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match

0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/127,954
FILING DATE:
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REBGISTRATION NUMBER: 35.321
REPERENCE/DOCKET NUMBER: 8873
TELECHMUNICATION INFORMATION:
TELECHMUNICATION INFORMATION:
TELECHMUNICATION INFORMATION:
TELECHMUNICATION INFORMATION:
TELECHMUNICATION: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      33 GCGAGCCGGAGCGAGGA 49
                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic) US-08-127-954-8
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;
US-08-196-538-15
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Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
                                                           COMPUTE: 03139
COMPUTE: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-005/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,492
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/172,333
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
COMPUTER: Wordberfort (Version 5.0)
SOFTWARE: Wordberfort (Version 5.1)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/623,891
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/238,200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-623-891-30/c

Sequence 30, Application US/08623891

Sequence 30, Application US/08623891

Patent No. 529578

TITLE OF INVENTION: METHOD AND REAGENT FOR TITLE OF INVENTION: METHOD AND REPLICATION METHOD AND RESPECTIVE OF INVENTION: URBITING HERPES SIMPLEX TITLE OF INVENTION: URBITING HERPES SIMPLEX TITLE OF INVENTION: URBITING HERPES SIMPLEX CHRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon STREET: 611 West Sixth Street CITY: Los Angeles STATE: California

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: HOETNEY UT., Dennis R.
REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 30,914
TELEPHONE: (314)537-609
TELEPHONE: (314)537-609
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: numberic edid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/882,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1225 GGTGCTGGCCTCGTGCT 1241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 décécréderrégreer 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-530-492-57
              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     셤
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US-08-530-492-57
is Sequence 57, Application US/08530492
is Patent No. 5689052
is GENERAL INFORMATION:
APPLICANT: Brown, Duff A.
APPLICANT: Promm, Michael E.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For TITLE OF INVENTION: Preparation Thereof
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F
STREET: 700 Chesterfield Parkway No. 5689052th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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   METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

Query Match

Best Local Similarity 64.7%; Pred. No. 2.9e+02;
Matches 11; Conservative 3; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                 COUNTER: 0.5.A.

ZIP: 90071

COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: ENCOMBATISH
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: Ward Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION NUMBER: 08/245,466
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/981,332
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/981,332
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/981,332
FILING DATE: AUGUST 26, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard
REGESENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEFAX: (713) 955-0440
TELEFAX: (713) 955-0440
TELEFAX: (713) 955-0440
TELEFAX: (713) PASE NISTES:
TELEFAX: THANDER: THANDER: TELEFAX: (713) PASE NISTES:
TELEFAX: (713) PASE NISTES:
TELEFAX: THANDER: THANDER: TELEFAX: (713) PASE NISTES:
TELEFAX: (713) PASE NISTES:
TELEFAX: THANDER: THANDER: THANDE
TITLE OF INVENTION: TREATMENT OF ITILE OF INVENTION: TREATMENT OF FITTLE OF INVENTION: CANCER USING FOUNDER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 633 Weet Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1205 GGCACCATTCTCATCAA 1221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGCACCAUUCUGGACAA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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Missouri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: 1:
US-08-373-124A-1477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              à
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                                                                                                                                         Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 64.7%; Pred. No. 2.9e+02; Matches 11; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 443

US-08-758-306-455/c

Sequence 455, Application US/08758306

Sequence 455, Application US/08758306

Setem No. 5807743

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND ENGENES

TITLE OF INVENTION: TREATMENT OF DISTASES

TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEDKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 Weet Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
COUNTRY:
COUNTRY:
COUNTRY:
COUNTRY:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 6.5" Diskette, 1.44 Mb
MEDIUM SYSTEM: IBM FO. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/759,306
FILING DATE:
APPLICATION NUMBER: 3,1996
CLASSIFICATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
RESERVANCE/DOCKET NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                         128 GAAGTCATCAGTTCCAT 144
                                                                                                                                                                                                                                                                                                                                                                             1 GAAGCCAUCAUUACCAU 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15 GAGGGAGAGAGCGAGCG 31
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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US-08-758-306-457/c
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                            US-08-758-306-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Stinchoom, Dan T.
APPLICANT: Stinchoom, Dan T.
APPLICANT: Stinchoom, Dan T.
APPLICANT: MCSWiggen, James A.
IIILE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SECURORES: 1379
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE:
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 15" Diskette, 1.44 Mb
MEDIUM TYPE: 15" Diskette, 1.44 Mb
MEDIUM TYPE: 15" Diskette, 1.44 Mb
MEDIUM TYPE: 15.5" Diskette, 1.44 Mb
MEDIUM TYPE: 15.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 15.5" Diskette, 1.44 Mb
SOFTWARE: FASTES VERSEN 1.5
FILING DATE: December 3, 1996
CLASSIFICATION DATA:
FILING DATE:
FILING DAT
PILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGIGSTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (7-3510
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 17.0001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REPRENCE/DOCKET NUMBER: 32,327
RELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELERX: 67-3510
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHRACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 442
US-08-758-306-11
; Sequence 11, Application US/08758306
; Patent No. 5807743
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1549 GGCCGGGGGAGGGGCGC 1565
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid

STRANDEDNESS: single

1 TOPOLOGY: linear

US-08-623-891-30
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California
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Suite 4700

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Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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US-08-758-306-463/C
Sequence 463, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
ITILE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: INTERLEMENT OF DISEASES TITLE OF INVENTION: INTERLEMENT OF DISEASES TITLE OF INVENTION: INTERLEMENT. SECEPTOR TITLE OF INVENTION: INTERLEMENT. REPRESSION NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: S13 West Fifth Street
STREET: G114 West Fifth Street
STREET: G114 West Fifth Street
STREET: G114 West Fifth Street
STREET: G116 Angeles
                                                                                                                          COUNTRY: U.S.A.

ZIP: 90701-2666

COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.50.0

SOFTWARE: PERCENTION
SOFTWARE: FARESE VERSION 1.5

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306

FLING DATE: December 3, 1996

CLASSIFICATION DATA:
APPLICATION NUMBER: 3, 1996

FLING DATE: POCCATION NUMBER: 32,327

REPERENCE/DOCKET NUMBER: 32,327

TELECOMMUNICATION INFORMATION:
TELECO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Varsion 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 67.3510

INFORMATION FOR SEQ ID NO: 459:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        17 AGGGAGGGAAAGAGGGA 1
                                                       Los Angeles
California
                     STREET: S
CITY: LOS
STATE: Ca
COUNTRY:
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US-08-758-306-459/C

is Sequence 459, Application US/08758306

is Patent No. 5807743

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: MCSWiggen, James A.
ITILE OF INVENTION: METHOD AND REAGENT FOR THE
ITILE OF INVENTION: TREATMENT OF DISEASES
ITILE OF INVENTION: ASSOCIATED WITH
ITILE OF INVENTION: INTERLEUKIN-2 RECEPTOR
ITILE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & LYON
STREET: 633 Wear.
Sequence 457, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: TREATHEN OF DISEASES
TITLE OF INVENTION: TREATHEN OF DISEASES
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: AMAGENATED WITH
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 613 West Pifth Street
STREET: Suite 4700
CITY: LOS Angeles
COMMENT OF ALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A.

ZIP: 90071-2066
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FARESGG VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 31,996
CLASSIFICATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
RELEFAN. (213) 955-0440
TELEFAN. (213) 955-0440
TELEFAN. (213) 955-0440
TELEFAN. (213) 955-0440
TELEFAN. (213) 955-0440
TELERA: 7-3510
INFORMATION FOR SEQ ID NO: 457:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: mucleic acid
TYPE: mucleic acid
TYPE: mucleic acid
TYPE: Innear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 82.43
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
US-08-758-306-457
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Gaps
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Stinchcomb, Dan T.

APPLICANT: MCENIGER, METHODE AND

TITLE OF INVENTION: METHODE AND COMPOSITIONS FOR

TITLE OF INVENTION: TERATEBRY OF RESTENCES AND

TITLE OF INVENTION: TERATEBRY OF AND

STREET: Saire 4700

CITY: Los Angeles

STREET: California

COUNTRY: U.S.A.

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: Storage

COMPUTER: MORTHER: Word Perfect 5.1

COMPUTER: World Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

TILING DATE: May 18, 1995

APPLICATION NUMBER: 07/936,422

ATTOMATION TORE SEQ ID NO: 1477:

TELEFAX: (213) 955-0440

TELEFAX: (213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-435-628-1477
Sequence 1477, Application US/08435628
Serient No. 5817796
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          426 CCGGAGCGGACAGGCTG 442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   17 ccccaereacadecre 1
    LENGTH: 17 base pairs
                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                        ; TOPOLOGY: linear
US-08-758-306-811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
US-08-435-628-1477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 447

US-08-758-306-811/c

i Sequence 811, Application US/08758306

i Patent No. 5807743

i GENERAL INFORMATION:

APPLICANT: Stinchoomb, Dan T.

APPLICANT: McSwiggen, James A.

ITILE OF INVENTION: METHOD AND REAGENT FOR THE

ITILE OF INVENTION: TREATMENT FOR DISEASES

ITILE OF INVENTION: ASSOCIATED WITH

ITILE OF INVENTION: INTERLEUKIN-2 RECEPTOR

ITILE OF INVENTION: GAMMA-CHAIN EXPRESSION

INVERSE OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESTED 1 Jyon & Lyon STREET: 633 West Fifth Street STREET: 831 West Fifth Street STREET: 831 West Fifth Street CITY: Los Angeles STRATE: California COUNTY: 1.05 Angeles COUNTY: 1.05 Angeles COMPUTER READABLE FORM: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: 815" Diskette, 1.44 Mb MEDIUM TYPE: 18M Compatible OPERATING SYSTEM: 1BM P.C. DOS 5.0 SOFTWARE: FRAETSON DATA: APPLICATION NUMBER: US/06/758,306 FILING DATE: December 3, 1996 CLASSITCATION: 514 PRIOR APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: STILNG DATE: APPLICATION NUMBER: APPLICATION NUMBER: STILNG DATE: APPLICATION NUMBER: STILNG DATE: APPLICATION NUMBER: STILNG DATE: APPLICATION NUMBER: APPLICATION AND ATA: APPLICATION AND 
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NAME: Wazburg, Richard J.
REGISTRATION NUMBER: 32,327
REFRENCE/DOCKET NUMBER: 212/132
TELEPROMUNICATION INFORMATION:
TELEPHONE: (213) 459-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                           212/132
                                                                                                       FILING DATE:
ATTORNEY FACENT INFORMATION:
NAME: Warburg Richard J.
REGISTRATION NUMBER: 32,327
REFERENCES DOCKET NUMBER: 212/1
FELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION FOR SEQ ID NO: 463:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 Dase pairs
TYPE: nucleic acid
US-08-758-306-463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                41 GAGCGAGGAAGGGAAAG 57
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         셤
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: COMPOUND MICROSATELLITE
: PRIMERS FOR THE
: DETECTION OF GENETIC
5: POLYMORPHISMS
5: 89

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CUUNTRY: U.S.A.

ZIP: 1988

COMPUTER READBLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC CONPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/849,021

PLING DATE: US/08/849,021

PLING APPLICATION DATE: PRICATION DATA:

APPLICATION NUMBER: 08/346,456

PLING DATE: 28 NOVEWBER 1994

ATTORNEY/AGENT INFORMATION:

NAME: PLOYD, LINDA AXAMETHY

REGISTRATION NUMBER: 33,692

REFERENCE/DOCKET NUMBER: BB-1064-A

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
GENERAL INFORMATION:

APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 8 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: E.I. DU PONT DE NEMOURS AND
ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STREET
COMPAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       302-992-7949
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                                                                                  Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 64.7%; Pred. No. 2.9e+02; Matches 11; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from superoxide
DESCRIPTION: dismutase sequence region in Seq ID No.
HYPOTHERICAL: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HANTI-SENSE: no
PUBLICATION INFORMATION:
HELEVANT RESIDUES IN SEQ ID NO: 96 :FROM 1 TO 17
US-08-173-495C-96
                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 449
US-08-173-489C-96/c
IS-08-173-489C-96/c
| Sequence 96, Application US/08173489C
| Patent No. 5861244
| APPLICANT: WANG, C. -G.
| APPLICANT: HEPBIRN, A. G.
| TITLE OF INVENTION: TRIPLE-STRAND FORMATION:
| TITLE OF INVENTION: TRIPLE-STRAND FORMATION:
| TITLE OF SEQUENCES: 365
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC., STREET; SIO EAST 73RD STREET;
| STREET: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USAN JOAN STREET STRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1558 AGGGGGGGGGGGGG 1574
                                                                                                                                                                                                                                        1205 GGCACCATTCTCATCAA 1221
                                                                                                                                                                                                                                                                                    1 GGCACCAUUCUGGACAA 17
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Best Local Similarity 82.43
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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                                                                                                                                                                                                                        Length 17;
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                           KESULT 451
US-08-849-021-4
US-08-849-021-4
Sequence 4, Application US/08849021
Patent No. 595276
GENERAL INFORMATION:
APPLICANT: MOGRANTE, MICHELE
APPLICANT: WOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCES: B. 1. DU PONT DE NEMOURS AND
ADDRESSEE: E. 1. DU PONT DE NEMOURS AND
STREET: 1007 MARKET COTTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPOUND MICROSATELLITE PRIMERS FOR THE DETECTION OF GENETIC POLYMORPHISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1007 MARKET STREET CITY: WILMINGTON STATE: DELAWARE COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                               12 AGCGAGGGAGAGGGGA 28
                                                                                                                                                                                                                                                                                                                                                          1 AGAGAGAGAGAGAGA 17
                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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Sequence 3, Application US/08849021; Patent No. 5955276

RESULT 450 US-08-849-021-3

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                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPEN:
MEDIUM TYPE: FLOPEN:
COMPUTER: IBM PC COMPATIBLE
COMPOTER: IBM PC COMPATIBLE
COMPOTER: IBM PC COMPATIBLE
SPETATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33.692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELEBEROCH/OCKET NUMBER: BB-1064-A
TELEBEROK: 302-992-71949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: MORGANTE, MICHELE
APPLICANT: WORGANTE, MICHELE
APPLICANT: WORGANTE, TULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITT: WILMINGTON
STRYET: DELAMARE
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/08849021
Patent No. 5955276
GENERAL INFORMATION:
                                                                                                                                                                                       ; TOPOLOGY: linear

.; MOLECULE TYPE: DNA (genomic)

US-08-849-021-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                             17 AGAGAGAGAGAGAGA 1
                    TELEPHONE: 302-892-3112
TELEFA: 302-992-7949
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                            302-892-8112
302-992-7949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 1989
COMPUTER READALE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE: US/08/849,021
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA ARMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: 33,692
             MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FLING DATE: US/08/849,021
FLING DATE: US/08/849,021
FLING DATE: 28 NOVEMBER: 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AVAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/POCKET NUMBER: BB-1064-A
TELEPHONE: 20.0092-8112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-849-021-5/c
| Sequence 5, Application US/08849021
| Sequence 5, Application US/08849021
| Patent No. 5955276
| GENERAL INFORMATION:
| APPLICANT: WORGANTE, UNITE M.
| TITLE OF INVENTION: PRIMERS FOR THE
| TITLE OF INVENTION: PRIMERS FOR THE
| TITLE OF INVENTION: POLYMORPHISMS
| NUMBER OF SEQUENCES: 89
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: E. I. DU PONT DE NEMOURS AND
| ADDRESSEE: COMPANY
| STREET: ILOY MARKET STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13 GCGAGGGAGAGAGCGAG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 F: 1007 MARKET STREET WILMINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LINGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 111

MOLECULE TYPE:

US-08-849-021-4
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Sequence 4. Application US/08388029A
Patent No. 6110665
GENERAL INFORMATION:
APPLICANT: FENGER CLARA K.
APPLICANT: GALADHAR, ALVIN A.
TITLE OF INVENTION: SARCOCYSTIS NEURONA DIAGNOSTIC PRIMER
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 17;
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                           OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EPIDERMAL GROWTH FACTOR RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match

Query Match

Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: LOWE, PRICE, LEBLANC & BECKER STREET: 99 CANAL CENTER PLAZA, SUITE 300 CITY: ALEXANDRIA COUNTRY: US COUNTRY: US Z2314
TITLE OF INVENTION: OF DISEASES OR CONDITIONS TO LEVELS OF EPIDERMA TITLE OF INVENTION: FACTOR RECEPTORS INDRESSES UNDERSONS TO LEVELS OF EPIDERMA ADDRESSES UPON & LYON &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         890 GGCGCCAAGAAGGTCTT 906
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US-08-985-162-554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 456
US-08-388-029A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ઠે
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                          Sequence 553, Application US/08985162

Patent No. 6057156

GENTRAL INPORMATION:
APPLICANT: Fell, Patricia
APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricial
APPLICANT: Fell, Patricial
APPLICANT: MCSWiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.

COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM COMPALIBLE
COMPUTER: OF AND COMPALIBLE
CLASSIFFATION UNMER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY APPLICATION DATE:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY APPLICATION DATE:
APPLICATION NUMBER: 32,327
REFERENCE/COCKET NUMBER: 32,327
REFERENCE/COCKET NUMBER: 32,30/107
TELEPHONES: (213) 955-0440
TELEPHONES: (213) 955-0440
TELEPHONES: (213) 955-0440
TELEPHONES: SINGLE
COMPUTER: APPLICATION INFORMATION:
TYPE: NUCLEIC CAIR
TYPE: NUCLEIC CAI
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US-08-985-162-554/c
; Sequence 554, Application US/08985162
; Patent No. 6057156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        891 GCGCCAAGAAGGTCTTC 907
                                      13 GCGAGGGAGAGAGCGAG 29
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STATE: California
                                                                                                                                                                                                                                                                                                                                         US-08-985-162-553/c
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US-08-985-162-553
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APPLICANT: Brown, Sherri M.
APPLICANT: Brown, Michael E.
APPLICANT: Fromm, Michael E.
APPLICANT: Sanders, Patricia R.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS: 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                         PEDLICATION NUMBER: US 08/854,050
FILING DATE: 09-WAY-1997
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PRIOR PAPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATORNEY/AGENT INFORMATION:
NAME: APPLICATION NUMBER: 36,429
REGISTRATION NUMBER: 36,429
REGIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Arnold, White & Durkee STREET: P.O. Box 4433 CITY: Houston STATE: TX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: TX
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 57, Application US/08906517
Patent No. 6180774
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 458
US-08-906-517-57
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APPLICANT: Lingner, Joachim
APPLICANT: Lingner, Joachim
APPLICANT: Chapman, Karen B.
APPLICANT: Makamura, Toru
APPLICANT: Matley, Calvin B.
APPLICANT: Andrews, William H.
APPLICANT: Andrews, William H.
APPLICANT: Andrews, William H.
APPLICANT: Andrews, Taring B.
APPLICANT: Andrews, Ta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
COMPOTER: IBM FC Compatible
COMPOTER: IBM FC COMPATIBLE
COMPOTER: IBM FC COMPATIBLE
CONFINARE: Fatentin Felease #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION TOWNER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
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APPLICATION NUMBER: US/08/388,029A
PILING DATE: 14-FEB-1995
CLASSIFICATION: 43.5
ATTORNEY/AGENT INFORMATION:
NAME: PRICE, ROBERT L.
REGISTRATION NUMBER: 22,685
REFERENCE/DOCKET NUMBER: 434-046
TELECHONICATION INFORMATION:
TELECHONE: 703-684-1111
TELEFENONE: 703-684-1124
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06-MAY-1997
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US-08-974-549A-478/c
; Sequence 478, Application US/08974549A
; Patent No. 6166178
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                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (Genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 25-APR-1
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 06-MAY-1
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US-08-388-029A-4
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Tue Dec 23 16:39:03 2003

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Mismatches
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NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     714 AGAACTCGGTGGCGGCC 730
                                                                 319 AGGCGCCAGCGGAAGGT 335
                                                                                                                               17 Agccaccaddagagar 1
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
14; Conservative
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US-09-324-867-61
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LENGTH: 17
Matches
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COUNTRY: USA
ZIF: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/040,774
FILING DATE: 18 MAR 1998
ATTOREY/AGENT INFORMATION:
NAME: Chao, Mark
REGISTRATION NUMBER: 37,293
REBERNCE/DOCKET NUMBER: 97,842
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: Tryggvason, Karl
APPLICANT: Restlia, Marjo
APPLICANT: Lenkeri, Ulla
APPLICANT: Mannikko, Minna
TITLE OF INVENTION: Nephrin Gene and Protein
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 S. Wacker Drive, Suite 3200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.8%; Score 12.2; DB 1;
82.4%; Pred. No. 2.9e+02;
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DESCRIPTION: /desc = "primer intron 2"
US-09-040-774-4
                                                                                   ATTORNEY AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTATION NUMBER: 33,928
REPERROE DOCKET NUMBER: MOBT:170
TELECOMMUNICATION INFORMATION:
TELEFAX: 512-418-300
TELEFAX: 512-474-7577
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                Concurrently Herewith
APPLICATION NUMBER: US/08/906,517
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 459
US-09-040-774-4/c
Sequence 4, Application US/09040774
; Patent No. 6207811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1225 GGTGCTGGCCTCGTGCT 1241
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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                                FILING DATE: CC
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CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ;
TOPOLOGY:
US-08-906-517-57
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Sequence 61, Application US/09324867A

Patent No. 6251632

GENERAL INFORMATION:

APPLICANT: Lillicrap, David

APPLICANT: Cameron, Cherie

APPLICANT: No. 62516321ey, Colleen

APPLICANT: Hough, Christine

APPLICANT: Hough, Christine

TITLE OF INTENTION: Canine Factor VIII Gene, Protein and Methods of Use

TILE REPERRNCE: 1669.001002/JAG/BLD

CURRENT APPLICATION NUMBER: US/09/324,867A

CURRENT APPLICATION NUMBER: US/09/324,867A

CURRENT APPLICATION NUMBER: 09/035,141

EARLIER PILING DATE: 1998-03-06

BARLIER FILING DATE: 1998-03-06

MUMBER OF SEQ ID NOS: 63

SEGURAND: PARTENTION OF SEQ ID NOS: 63

SEGURAND: PARTENTION OF SEQ ID NOS: 63
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   Gaps
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Sequence 6, Application US/08881450A

Patent No. 6274310

GENERAL INFORMATION:
APPLICANT: Habener, J.F. and Stoffers, D.A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING TITLE OF INVENTION: PANCREATIC DISEASE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: Once Financial Center
STREET: Once Financial Center
STREET: Massachusetts
COUNTRY: USA
ZIP: Massachusetts
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: INP PC compatible
OPERATIOS SYSTEM: COMPATE: US/08/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/881,450A
FILING DATE: UNMBER: US/08/881,450A
FILING DATE: UAMBER: US/08/881,450A
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Indels
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Gaps
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                          Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: FOLLOWING SUSAN APPLICANT: Zendegul, Joseph G. APPLICANT: Zendegul, Joseph G. APPLICANT: Zendegul, Joseph G. APPLICANT: Ojwang, Joshua O. APPLICANT: Hogan, Michael E. APPLICANT: Mazumder, Abhijit TITLE OF INVENTION: Ahti-Viral Guanosine-Rich TITLE OF INVENTION: Ahti-Viral Guanosine-Rich TITLE OF INVENTION: Aligonucleotides NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS: ADDRESSEE: Golley, Rose & Tayon, P.C. STREET: 600 Travis, Suite 1850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: Texas
COUNTRY: U.S.A.

ZIP: 77002-2912
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS Windows 95
SOFTWARE: MS WORD 97 (saved as .tx file)
; CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/682,255A
711.NG DATE: 17-JULY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 17-ULY 1996
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/535,168
FILING DATE: 23-OCT-95
APPLICATION NUMBER: 60/01,505
FILING DATE: 19-ULY-95
APPLICATION NUMBER: 60/013,688
FILING DATE: 19-WARCH-96
APPLICATION NUMBER: 60/013,688
FILING DATE: 19-WARCH-96
APPLICATION NUMBER: 60/013,688
FILING DATE: 19-WARCH-96
APPLICATION NUMBER: 60/015,714
FILING DATE: 19-WARCH-96
APPLICATION NUMBER: 60/016,271
FILING DATE: 23-APRIL-96
APPLICATION NUMBER: 33,967,000,000
REGISTRATION NUMBER: 33,967,000,000
                                                                                                                                                                                                                                                                                                                                                RESULT 463
US-08-682-255A-79/c
; Sequence 79, Application US/08682255A
; Patent No. 6323185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION TELEPHONE: 713/238-8010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rando, Robert F.
                                                                                                                                                                        75 ACGCACACACCCCCCCCCC
                                                                                                                                                                                                                                           17 Acceaeceaeceae
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.8%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 462
US-09-017-974-79/C
is Sequence 79, Application US/09017974
j Patent No. 628804
j GENERAL INFORMATION:
APPLICANT: Rando, Robert F.
APPLICANT: Hogan, Michael E.
APPLICANT: Wallace, Thomas L.
APPLICANT: Gossum, Paul A.
ITILE OF INVENTION: Paterad Forming Oligonucleotides
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Conley, Rose & Tayon, P.C.
STREET: GOUTAVIS, Suite 1800
CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Houston
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77002-2912
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS Word 97 (saved as .txt file)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/017,974
PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
REFERENCE/DOCKET NUMBER: 11275/7823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/037,374
FILING DATE: 04-FEB-97
FILING DATE: 09-DEC-97
FILING DATE: 04-FEB-97
FILING DATE: 04-FEB-
                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: other nucleic acid FEATURE:
                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9110
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-017-974-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 7 SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs TYPE: nucleic acid TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 82.4
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                    , NAME/KEY: primer S17b
US-08-881-450A-6
                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
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Sequence 3997/c
Sequence 3997, Application US/08584040
Sequence 3997, Application US/08584040
Sequence 3997, Application US/08584040
APPLICANT: Parco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEBE: Lyon & Lyon
STREET: 633 Weer Fire
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 9502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Galifornia
COUNTRY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2666
COMPUTER EADABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.40 Mb
MEDIUM TYPE: 3.5" DISKETTENCATION NUMBER: 3.5.337
MAME: Warburg, Richard J.
NAME: Warburg, Richard J.
NEGISTENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDENCENDEN
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0.8%; Score 12.2; DB 1;
Best Local Similarity 58.8%; Pred. No. 2.9e+02;
Matches 10; Conservative 4; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAN: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3972:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1449 ACTGGTACTCGCAGCTG 1465
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
TOPOLOGY: 1
US-08-584-040-3972
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                                                                                                                                       REBULT 464
US-08-584-040-1471/c
is Sequence 1471, Application US/08584040
is Sequence 1471, Application US/08584040
is Patent No. 6346398
is APPLICANT: Pacco, Pamela
APPLICANT: Becobedo, Jame
it Title OF INVENTION: METHOD NO PISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
ITILE OF INVENTION: OF VASCULAR ENDOTHELIAL
ITILE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCES: 8502
INVENTION: ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match

0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 2.99+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 465
US-08-584-040-3972
; Sequence 3972, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              978 CGCACAACGACTCGGCC 994
                                             75 ACGCACACACCCCCCCC 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17 ceccearceacceecc 1
                                                                                          17 Acceaeceaeceae
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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US-08-584-040-1471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ò
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Gaps ; 0

Length 17; 3; Indels

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Gaps
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.9e+02;
Matches 9; Conservative 5; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 468

US-08-584-040-7232
; Sequence 7232, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: LOS ANGALA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.

COUNTRY: U.S.A.

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: Ward Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFFCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 60/005,974
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATE:
APPLICATION NUMBER: 6/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
RETERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: GHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDENDESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   400 CATCATATTTAAGGATG 416
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STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: 1
US-08-584-040-4075
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 467

US-08-584-040-4075

Sequence 4075, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Bavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: GENOWATION: TREATMENT OF DISEABES OR
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Pifth Street
STREET: Sulte 4700

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

CONNENTY: U.S.A.
                                                                                                                                                                                                                        COUNTIT: 0.3-A.

ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 1.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" DISKette, 1.44 Mb
MEDIUM T
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY MANDER:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEX: (7-3510

TELEX: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                260 AAAAAGCTGACCCCTTT 276
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                                                                                                       CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear
US-08-584-040-3997
                                                                                                                                                                                                   COUNTRY:
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                                                                                                                                     Length 17;
                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WESULI 470-645-218
Sequence 218, Application US/08679645
Sequence 218, Application US/08679645
Patent No. 6350916
Sequence 218, Application US/08679645
Sequence 218, Application Series
APPLICANT: Edington, Brent E.
APPLICANT: Merlo, Perticia Ann Owens
APPLICANT: Skokut, Thomas A.
APPLICANT: Skokut, Thomas A.
APPLICANT: Skokut, Thomas A.
APPLICANT: Scokut, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
STREET: Gaitte 4700
                                                                                                                                     Query Match

0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
ZIP: 90071-2066
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 10.5" ON COMPUTER: IBM Compatible
OPREATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: MORT PR-C. DOS 5.0
SOFTWARE: JUNY 12, 1996
FILING DATE: JUNY 12, 1996
FILING DATE: JUNY 12, 1996
FILING DATE: JUNY 13, 1995
FILING DATE: JUNY 13, 1995
FILING DATE: JUNY 13, 1995
FILING DATE: SEPTEMBER: 60/001,135
FILING DATE: SEPTEMBER: 21944
ATTORNEY/AGENT INFORMATION:
MAME: WARDING RADAM
TELECHMONICATION INFORMATION:
TELECHMONICATION INFORMATION:
TELECHMONICATION INFORMATION:
TELECHMONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: A7-3510
TELEPHONE: A7-3
                                                                                                                                                                                                                                                                                                                                 1364 GACCGCGGGGGGGGG 1380
                                                                                                                                                                                                                                                                                                                                                                                                                          1 GACGGCGUCGGCGGCGG 17
    ; TOPOLOGY: linear
US-08-679-645-70
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 58.8%; Pred. No. 2.9e+02; Matches 10; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SUBJECT INFORMATION:
APPLICANT: Edington, Brent E.
APPLICANT: Edington, Brent E.
APPLICANT: McSwigden, James A.
APPLICANT: McSwigden, James A.
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: McTio, Donald J.
TITLE OF INVENTION: MCDULATION OF GENE EXPRESSION
TITLE OF INVENTION: MCDULATION OF GENE EXPRESSION
TITLE OF INVENTION: MCDULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
ADDRESSE: Lyon & Lyon
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
COMPUTER: IBM COMPALIBLE
COMPUTER: IBM COMPALIBLE
COMPUTER: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION NUMBER: 00/001,135
FILING DATE: September 2, 1994
APPLICATION NUMBER: 00/00,726
FILING DATE: September 2, 1994
ATTONNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
RETEMPONE: (213) 955-0440
TELEFONE: (213) 955-0440
TELEFONE: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 70, Application US/08679645
Patent No. 6350934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   734 TCGGGAGGCTGCTTCCC 750
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| TELEFAX: (213) 955-0440 | TELEX: 67-310 | TE
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 469
US-08-679-645-70
; Sequence 70, App
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Gaps

Application US/08679645

1015 CTCGGGCTCGGGGCCGC 1031

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Gaps
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                  APPLICANT: Zwick, Michael G.
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: Edington, James A.
APPLICANT: McNing and McNous APPLICANT: McNing Applicant: Skokut, Thomas A.
APPLICANT: Skokut, Thomas A.
APPLICANT: Skokut, Thomas A.
APPLICANT: Polkerts, Otto
APPLICANT: Polkerts, Otto
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
CORRESPONDENCES: 1263
CORRESPONDENCES: 1263
CORRESPONDENCES: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITALIO GALGE STATE:
CALIFOTTIA
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 15." Diskette, 1.44 Mb
SOFWARR: Word Perfect 5."
COMPUTER: 18 COMPUTA: 18."
COMPUTER: 18 COMPUTA: 18."
COMPUTER: 18 COMPUTA: 18."
APPLICATION NUMBER: 06/001,135
APPLICATION NUMBER: 06/001,135
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1NFORMATION:
TELEFRAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 692, Application US/08679645
Patent No. 6350934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            993 CCACCGGGGAGCCCGAG 1009
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLGGY: linear
US-08-679-645-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Zwick, M
APPLICANT: Edingeron
APPLICANT: McSwigger
APPLICANT: McSwigger
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US-08-679-645-692
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                               APPLICANT: Edingron, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: McSwiggen, James A.
APPLICANT: McHolo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Skokut, Thomas A.
APPLICANT: Folkerts, Otto
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
IITLE OF INVENTION: MCDULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: SUITE 4700
STREET: SUITE 4700
STREET: Los Angeles
STREET: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTONNEY, AGENT INPORMATION:
NAME: WALDLY RICHARD NUMBER: 2, 1994
ATTONNEY, AGENT INPORMATION:
NAME: WALDLY STACHARD NUMBER: 2, 1994
ATTONNEY, PROGNATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 31,995
TELECHMUNICATION INFORMATION:
TELECHMUNICATION INFORMATION:
                                                                                                                                                                                                                                 Zwick, Michael G.
Edington, Brent E.
McSwiggen, James A.
McSwiggen, James A.
Guo, Lining
Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
                                                                                                                                                Sequence 220, Application US/08679645 Patent No. 6350934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (213) 489-1600
TELERAX: (213) 955-0440
TELEX: 67-3510
INPORMATION FOR SEQ ID NO: 220:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1367 CGCGGGGGGGGGGG 1383
         1 cucaeccuceeeeucec 17
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                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Zwick,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY:
US-08-679-645-220
                                                                                                                        US-08-679-645-220
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Zwick, Michael G. Edington, Brent E. McSwiggen, James A. Merlo, Patricia Ann Owens

RESULT 472 US-08-679-645-220/c

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Gaps
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                                                                       CITY: Houston
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77002-2912
COMPUTER: TEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS Windows 95
SOFTWARE: MS WORD 97 (saved as .txt file)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/429,130
FILING DATE: 28-Oct-1999
CLASSIPICATION: «UNKNOWN»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-009-340-861-30/C
US-009-340-861-30/C
Sequence 30, Application US/09340861
Patent No. 6432704
GENERAL INFORMATION:
APPLICAT' Kenneth G. Draper
TITLE OF INVENTION:
TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
TITLE OF INVENTION: UNICS REPLICATION
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & LYON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match

0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred, No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FRICAL METALIATION NUMBER: 08/682,255
FILING DATE: AUNTHONN-
APPLICATION NUMBER: 60/001,505
FILING DATE: 19-UJLX-95
APPLICATION NUMBER: 60/014,007
FILING DATE: 19-VARCH-96
APPLICATION NUMBER: 60/013,688
FILING DATE: 19-VARCH-96
APPLICATION NUMBER: 60/016,271
FILING DATE: 19-VARCH-96
APPLICATION NUMBER: 60/016,271
FILING DATE: 17-APRIL-96
APPLICATION NUMBER: 33,962
REPERENCE/DOCKET NUMBER: 1472-06214
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 13/238-8010
     CORRESPONDENCE ADDRESS:
ADDRESSEE: Conley, Rose & Tayon, P.C.
STREET: 600 Travis, Suite 1850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 79:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         23-APRIL-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5: Lyon & Lyon
611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          75 ACGCACACACCCCCCCC 91
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APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Skokut, Thomas A.
APPLICANT: Young Soct A.
APPLICANT: Folkerts, Otto
APPLICANT: Metlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSED: Lyon & Lyon
ADDRESSED: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Anti-Viral Guanosine-Rich Oligonucleotides
                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700 CITY: Los Angeles STATE: California COUNTRY: U.S.A. ZIP: 90071-2066 COUNTRY: STADABLE FORM: MEDIUM TYPE: 3.5" Diskette, 1.44 MD MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
CORRENT SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: Ully 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION NUMBER: 60/001,135
FILING DATE: Ully 13, 1995
APPLICATION NUMBER: 60/001,135
APPLICATION NUMBER: 00/300,726
FILING DATE: SEPTEMBER: 1994
ATTONNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 985-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 474
US-09-429-130-79/C
; Sequence 79, Application US/09429130
; Patent No. 6355785
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
: APPLICANT: Rendo, Robert F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fennewald, Susan
Zandegui, Joseph G.
Ojwang, Joshua O.
Hogan, Michael E.
Pommier, Eyves
Mazumder, Abhijit
60/015,714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: linear
US-08-679-645-692
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Hoffman, Dieter
Hoffman, Dieter
Sedlacek, Hans-Harald
Sedlacek, Glycosyl-Etoposide Prodrugs, A Process For
TITLE OF INVENTION: Glycosyl-Etoposide Prodrugs, A Process For
Preparation Thereof And The Use Thereof In Combination With
Functionalized Tumor-Specific Enzyme Conjugates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 2.9e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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MEDIUM TYPE: FIDOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: Us/09/343,698
FILING DATE: -Unknown>
PRIOR APPLICATION NUMBER: 08/325,955
FILING DATE: -Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REGISTRATION NUMBER: 36,228
REGISTRATION NUMBER: 36,228
REGISTRATION NUMBER: 05552.0981-04000
TELEPHONE: 202-408.4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WAZDATION:
NAME: WAZDATION:
TELECATION NUMBER: 32,327
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
INFOREMATION FOR SEQ ID NO: 30: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/09343698; Patent No. 6475486; GENERAL INFORMATION:
APPLICANT: Seeman, Gerhard Caech, Joerg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1549 GGCCGGGGGGGGCGC 1565
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17 dececededadededed
                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-634-262-30
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                                                                                                                                                                                                                                                                                                                                        LENGTH:
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US-09-634-262-30/C

Sequence 30, Application US/09634262

Sequence 30, Application US/09634262

Sequence 30, Application US/09634262

Sequence 30, Application US/09634262

FITLE OF INVENTION:

TITLE OF INVENTION:

INTIBITING HERPES SIMPLEX

TITLE OF INVENTION: INHIBITING HERPES SIMPLEX

TITLE OF INVENTION: INHIBITING HERPES SIMPLEX

TITLE OF INVENTION: VINGS REPLICATION

NUMBER OF SEQUENCES: 115

CORRESPONDENCE ADDRESS:

ADDRESSE:

ADDRESSE:

CITY: Los Angeles

STATE: California

COUNTY: USA

MEDIUTY: USA

MEDIUTY: USA

MEDIUTY: USA

MEDIUTY: SOFTWARE: MCOMPATE:

MEDIUTY: SOFTWARE: MCOMPATE:

SOFTWARE: MCOMPATE:

SOFTWARE: MCOMPATE:

SOFTWARE: MCOMPATE:

SOFTWARE: MCOMPATE:

CURSTRICATION NUMBER: US/09/634,262

FILING DATE:

FULLASTRICATION NUMBER: US/09/634,262

FILING DATE:

FULLASTRICATION NUMBER: US/09/634,262
                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
FILING DATE:
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 07/882,921
FILING DATE: MAY 14, 1992
APPLICATION NUMBER: 07/948.359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAWE: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
RECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELERAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/967,133
FILING DATE:
APPLICATION NUMBER: 07/882,921
                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1549 GGCCGGGGAGGGCGC 1565
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Best Local Similarity 82.4°
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-340-861-30
          COUNTRY:
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RESULT 478

US-08-912-951-245/c

j Sequence 245, Application US/08912951

j Patent No. 6475789

GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Linguer, Joachim
APPLICANT: Makamura, Toru
APPLICANT: Makamura, Toru
APPLICANT: Mariey, Calvin
APPLICANT: Mariey, Calvin
APPLICANT: Mariey, Calvin
APPLICANT: Harley, Calvin
AP
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MEDIUM TYPE: Plopy disk
COMPUTER: IBM PC compatible
CLASSITICATION NUMBER: US 08/851,843
FILING DATE: 05-MAY-1997
CLASSIFICATION NUMBER: US 08/846,017
FILING DATE: 12-APR-1997
CLASSIFICATION NUMBER: US 08/846,017
FILING DATE: 13-APR-1997
CLASSIFICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION NUMBER: 35,429
REPRENCE/COMPUTER: 35,429
REFERENCE/COMPUTER: 18-APR-1001:
NAME: Apple, Randolph T.
REGIGTRATION NUMBER: 36,429
REFERENCE/COMPUTER: (415) 576-0200
TYPE: nucleic acid
STRANDEDNESS: single
CTOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-343-698-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1374 GCGCCGCCGCAGAGTA 1390
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APPLICANT: ALLOS MANA AREA APPLICANT: Beigelman, Leo APPLICANT: Gardidy, Alex APPLICANT: Adamic, Jasenka APPLICANT: Adamic, Jasenka APPLICANT: Sweedler, David APPLICANT: Sweedler, David APPLICANT: Sweedler, David APPLICANT: Shawn TITLE OF INVENTION: NUMBER: US 60/09/474,432B CURRENT FILING DATE: 1999-11-19
PRIOR FILING DATE: 1991-11-05
PRIOR PELICATION NUMBER: US 60/084,727
PRIOR PELICATION NUMBER: US 60/084,727
PRIOR PELING DATE: 1998-04-28
PRIOR FILING DATE: 1998-04-28
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 319
LENGTH: 17
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                                                                                                                                                                                                                                                                3; Indels
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 479
US-00-474-432B-319/c
; Sequence 319, Application US/09474432B
; Parent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                             1362 GGGACCGCGGGGCGGC 1378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1548 GGCCGGGGGAGGGCG 1564
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TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: 2 SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Karpeisky, Alex
Adamic, Jasenka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sweedler, David
                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-912-951-245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-319
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APPLICANT:
APPLICANT:
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APPLICANT: Beaudry, Amber
APPLICANT: Beaudry, Amber
APPLICANT: Arreisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Ademic, Jasenka
APPLICANT: Ademic, Jasenka
APPLICANT: Savedler, David
APPLICANT: Savedler, David
APPLICANT: Zinnen, Shawn
ITLE OF INVENTION: NUClectide triphosphate and their incorporation into oligonucleot:
FILE REPERENCE: MBHBO0-631-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT APPLICATION NUMBER: US 60/064,866
PRIOR APPLICATION NUMBER: US 60/064,727
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR PLILNG DATE: 1998-04-28
PRIOR PLILNG DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE PRIOR PLILNG DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SEQ ID NO 689
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 16, Application US/09371772B

Sequence 16, Application US/09371772B

Sequence 16, Application US/09371772B

Sequence 16, Application US/09371772B

Sequence 16, Application:
Sequence 17, APPLICANT: Riboryme of Discourage Name

APPLICANT: Escobedo, Jaim

APPLICANT: Escobedo, Jaim

APPLICANT: McNedylon: Method and Reagent for the Treatment of Discourage Or Conditions Reprinted FINVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Method and Reagent for the Treatment of Discourage Or NUMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US 60/005,974

PRIOR PILING DATE: 1995-10-26

PRIOR FILING DATE: 1995-00-08

NUMBER OF SEQ ID NOS: 14225

SEQ ID NO 16

LENGTH: 17
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0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 12.2; DB 1;
ilarity 82.4%; Pred. No. 2.9e+02;
Conservative 0; Mismatches 3;
                      Sequence 689, Application US/09474432B Patent No. 6528640
CENERAL INPORMATION:
APPLICANT: Ribozyme Pharmaceuticals, I APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1256 GAGCACAGCTGGGCGCA 1272
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CRGANISM: Homo sapiens
US-09-474-432B-689
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Best Local Similarity
Matches 14; Conserv
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APPLICANT: Zinnen, Shawn
TITLE REPERBACE: Nucleotide triphosphate and their incorporation into oligonucleou
TITLE REPERBACE: Mucleotide triphosphate and their incorporation into oligonucleou
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR PILING DATE: 1997-11-05
PRIOR PLING DATE: 1997-11-05
PRIOR PLING DATE: 1998-04-29
PRIOR PLING DATE: 1998-04-29
PRIOR PLING DATE: 1998-04-29
PRIOR PLING DATE: 1999-04-28
PRIOR PLING DATE: 1999-04-28
NUMBER: OF SEQ ID NOS: 1526
SOFTWARE: Patentin version 3.0
SEQ ID NO 377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Alex
APPLICANT: Karpeisky, Alex
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sinnen, Shawn
TITLE OF INVENTION: Nuclectide triphosphate and their incorporation into oligonucleout
CURRENT APPLICATION NUMBER: US/09474,432B
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR PILING DATE: 1997-11-05
PRIOR PELING DATE: 1997-11-05
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-11-04
PRIOR PILING DATE: 1998-11-04
PRIOR PILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-11-04
PRIOR PILING DATE: 1998-11-04
SEQUENCATE: PATENTING DATE: 1998-11-04
SEQUENCATE: PATENTING DATE: 1998-04-28
NUMBER OF SEQ ID NOS: 1526
SEQUENCATE: PATENTIN VETSION 3.0
SEQ ID NO 672
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 672, Application US/09474432B Patent No. 6528640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1505 CTGCACCCGCTGGGCAT 1521
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
CORGANISM: Homo sapiens
US-09-474-432B-377
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; ORGANISM: Homo sapiens
US-09-474-432B-672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -432B-672
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**Page 172** 

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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Raveo, Pam

APPLICANT: Makeyagen, Jim

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

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TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION WINBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patentin version 3.0

SEQ ID NO 3046

LENGTH: 17
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Pred. No. 2.9e+02;
4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.8%; Score 12.2; DB 1; Length 17; 52.9%; Pred. No. 2.96+02;
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; Patent No. 6566127
                                                                                                              Sequence 1842, Application US/09371772B Patent No. 6566127
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17 ACAAAGCTGACACATTT
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Best Local Similarity 58.8
Matches 10; Conservative
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ORGANISM: Homo sapiens
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Matches 9; Conserv
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US-09-371-772B-1764/C
Sequence 1764, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Pavoc, Pam
APPLICANT: Pavoc, Pam
APPLICANT: Rabozyme Pharmaceuticals, Inc.
APPLICANT: Rabozyme Pavoc, Dan
APPLICANT: Rabozyme Pavoc, Dan
APPLICANT: Escobedo, Jaine
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Pactor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Pactor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Pactor Receptor
FILE REPERENCE: MBHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR PILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SEQ ID NO 164
LENGTH: 17
                                                                                                                                                                                                                                        APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION Levels of Vascular Endothelial Growth Factor Receptor
GURRENT APPLICATION NUMBER: US 60/005,974
PRIOR PELIOR DATE: 1999-08-10
PRIOR PELIOR DATE: 1996-01-08
PRIOR PELIOR DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SEQ ID NO 1739
LENGIH: 17
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                                                                                    RESULT 484
US-09-371-772B-1739
; Sequence 1739, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.;
; APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1449 ACTGGTACTCGCAGCTG 1465
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ORGANISM: Homo sapiens
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US-09-371-7728-1739
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Sequence 4560, Application US/09371772B
SEQUENT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: Escobedo, Jaime
APPLICANT: Secobedo, Jaime
APPLICANT: Secobedo, Jaime
APPLICANT: Secobedo, Jaime
APPLICANT: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
GURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-08-10
PRIOR PILING DATE: 1995-08-10
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 4560
LENGTH: 17
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Sequence 4551, Application US/09371772B

Patent No. 656127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Stinchcomb, Dam

APPLICANT: Escobedo, Jaime

APPLICANT: Escobedo, Jaime

APPLICANT: Stinchcomb, Dam

APPLICANT: Stinchcomb, Dam

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re:

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re:

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: MayBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn Version 3.0

SEQ ID NO 4561
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; ORGANISM: Homo sapiens
US-09-371-772B-4561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: RNA
; CRGANISM: Homo sapiens
US-09-371-772B-4560
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Best Local Similarity
Matches 12; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 491
US-09-371-772B-4561
RESULT 490
US-09-371-772B-4560
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                       RESULT 488

US-09-311-772B-4189/C

Sequence 4189, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Rabozyme Pharmaceuticals, Inc.

APPLICANT: Rabozyme Pharmaceuticals, Inc.

APPLICANT: Rabozyme Pharmaceuticals, Inc.

APPLICANT: Bacobedo, Jaime

APPLICANT: Bacobedo, Jaime

APPLICANT: Bacobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

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TITLE OF INVENTION: Wethod and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION WIMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 68/584,040

PRIOR APPLICATION NUMBER: US 68/584,040
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US-09-371-772B-4192
i Sequence 4192, Application US/09371772B
sequence 4192, Application US/09371772B
sequence 4192, Application US/09371772B
setent No. 6566127
GENERAL INFORMATION:
APPLICANT: Pavco, Pam
APPLICANT: Stinchomb, Dan
APPLICANT: Stinchomb, Dan
APPLICANT: Stinchomb, Dan
APPLICANT: Bacobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-4 (237198)
CURRENT FILING DATE: 1999-08-10
PRIOR PILING DATE: 1999-08-10
PRIOR PILING DATE: 1999-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTHARE: Patentin version 3.0
SEQ ID NO 4192
LENGTH: 17
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0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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ORGANISM: Homo sapiens
US-09-371-772B-4192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: RNA
; OKGANISM: Homo sapiens
US-09-371-772B-4189
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Sequence 23, Application US/08815770
Patent No. 5801154
GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
APPLICANT: and Nicholas M. Dean
TITLE OF INVENTION: Oligonucleotide Modulation of Multidrug
TITLE OF INVENTION: Resistance-Associated Protein
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                    Query Match 0.8%; Score 12.2; DB 1; Length 20; Best Local Similarity 82.4%; Pred. No. 4.2e+02; Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 0800 COMPUTER READABLE FORM:
MEDIUM TYPE: DISCRETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IEM PG/2
COMPUTER: LEM PG/2
COMPUTER: LEM PG/2
COPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/08/835,770
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE: 10/18/93
PRIOR APPLICATION NUMBER: 08/628,731
PRIOR APPLICATION NUMBER: 08/628,731
REGISTRATION NUMBER: 18PH-0208
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 18PH-0208
TELECOMMUNICATION INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 18PH-0208
TELECOMMUNICATION INFORMATION:
TELEBRONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match

0.8%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                927 AGCCGCGCGAGCGCCTG 943
                                                                                                                                                                                                                                                                                                                                                               19 AGCAGCGCGTGAGCCTG 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (609) 779-8729
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
; SEQUENCE CHARACTERISTICS;
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; ANTI-SENSE: Yes
US-08-136-811-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Cherry STATE: NJ COUNTRY: US/ ZIP: 08002
                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 494
US-08-835-770-23/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ઠે
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                              Sequence 4(06), Application US/09371772B

Sequence 4(06), Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Dan

APPLICANT: Stinchoomb, Dan

APPLICANT: Scobedo, Jaine

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR FILING DATE: 1995-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patentin Version 3.0

LENGTH: 17
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US-08-136-811-23/c
; Sequence 23, Application US/08136811
; Patent No. 5510239
; GENERAL INFORMATION:
; APPLICANT: Baracchini, Jr., Edgardo and Bennett,
APPLICANT: Clarence Frank
; TITLE OF INVENTION: Oligonucleotide Interference with
TITLE OF INVENTION: Multidrug Resistance
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 08002
ZOMPUTER READABLE PORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDFRFECT 5.1
CURRENT APPLICATION DATA:
PILING DATE: Herewith
CLASSIFICATION: 5.14
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
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ATORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEPHONE: (609) 779-2401
INFORMATION FOR SEQ ID NO: 23:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              488 GTGATGAACCAGTGGCC 504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-09-371-772B-4608
                              US-09-371-772B-4608
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Query Match 0.8%; Score 12.2; DB 1; Length 20; Best Local Similarity 82.4%; Pred. No. 4.2e+02; Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                US-07-910-867B-13/c

Sequence 13, Application US/07910867B

Patent No. 5597895

GENERAL INFORMATION:
APPLICANT: Gaynor, Richard B.
APPLICANT: Garcia, Joseph A.
APPLICANT: Harrin, David

TITLE OF INVENTION: Transdominant Tat Mutants and Uses
TITLE OF INVENTION: Thereof

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee

STRET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 12; DB 1; Length 12; Best Local Similarity 100.0%; Pred. No. 1.3e+02; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER EXAMBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: END FO compatible
COMPUTER: END FO compatible
CORRANTING SYSTEM: FC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/910,867B
FILING DATE: 02-UUL-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGRIGTRATION NUMBER: 33,732
REPRENCY/DOCKET NUMBER: UTSD:263/MAY
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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US-08-346-613-13/c
Sequence 13, Application US/08346613
Sequence 13, Application US/08346613
Patent No. 5686264
GENERAL INFORMATION:
APPLICANT: GANNOR, RICHARD B.
APPLICANT: GARNOR, AOSEPH A.
APPLICANT: HARRICH, DAVID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA" US-07-910-867B-13
                                                                                                                                                     645 CGGTGGAGGCCGGCTTC 661
                                                                                                                                                                                                  17 CAGTGGATGCCGACTIC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 12 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1122 ACCGCCGGCTCC 1133
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US-09-484-617-41
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US-09-484-617-41/C
Sequence 41, Application US/09484617
Fatent NO. 630374
HO. 630374
Fatent NO. 630374
FAPLICANT: Hong Zhang
PAPLICANT: Hong Zhang
PILE OF INVENTION:
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
IENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
0.8%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
                                                       Sequence 23, Application US/08628731
Patent No. 5807838
GENERAL INFORMATION:
TITLE OF INVENTION: Oligomuclectide Interference with
TITLE OF INVENTION: Oligomuclectide Interference with
TITLE OF INVENTION: Multidrug Resistance
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
COMPUTER: WORDERPERCT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGBNT INFORMATION:
NAME: Jane Massey Licata
REGISCRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           927 AGCCGCGCGAGCGCCTG 943
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
JANTL-SENSE: Yes
                   RESULT 495
US-08-628-731-23/c
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Mismatches
FILING DATE:

CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Virginia C.
REGISTRATION NUMBER: 37-092
REFERENCE/DOCKET NUMBER: 3477-
TELECOMMUNICATION INFORMATION:
TELEFAX: 919-854-1400
TELEFAX: 919-854-1400
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-457-2738-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.0%; Pre
100.0%; Pre
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12 GGCGGCGGCGC 1
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Best Local Similarity
Matches 12; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: human
US-09-475-947A-346
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US-08-457-273B-38/C
is Sequence 38, Application US/08457273B
is Retent No. 5849951
is Application US/08457273B
is Retent No. 5849955
is GENERAL INFORMATION:
APPLICANT: Harden, Michael
APPLICANT: Harden, Michael
APPLICANT: Harden, Mouse Model for Huntington's Disease and
TITLE OF INVENTION: Related DNA Sequences
ITLE OF INVENTION: Related DNA Sequences
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Virginia Bennett
STREET: PO BOX 37428
CITY: Raleigh
STREET: No. 5849995th Carolina
COUNTRY: US
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BALDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BALDABLE FORM:
MEDIUM TYPE: PLOPS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,273B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ..
0
                      TITLE OF INVENTION: TRANSDOMINANT Tat MUTANTS AND USES TITLE OF INVENTION: THEREOF NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: ARNOLD, WHITE & DURKEE STREET: P.O. BOX 4433
CITY: P.O. BOX 4433
CITY: TOUGHTR: DEAS
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATE:
FLOPPY DISK
FOURTHER APPLICATION NUMBER: US/08/346,613
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8%; Score 12; DB 1; Length 12;
100.0%; Pred. No. 1.3e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             UTSD:263/MAY
                                                                                                                                                                                                                                                                                                                                                                                                       PEPLICATION
FILING DATE:
CLASSIPICATION: 435
CLASSIPICATION DATA:
APPLICATION NUMBER: 07/910,867
FILING DATE: 07/02/92
CLASSIPICATION IN 435
ATTORNEY/AGENT INFORMATION:
NAME: MAYFIELD, DENISE L.
REGISTRATION NUMBER: 33,732
REFRENCE/DOCKET NUMBER: 0TSD.26
TELEPONGNICATION INFORMATION:
TELEPANE: 512-474-757
TELEPANE: 512-474-757
TELEPANE: 512-474-757
TELEPANE: 0T APPLICABLE
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; Pi
Matches 12; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1122 ACCGCCGCCTCC 1133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , STRANDEDNESS: pairs
, STRANDEDNESS: single
; TOPOLOGY: linear
US-08-346-613-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12 ACCGCCGGCTCC 1
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100.0%; Pred. No. 1.38+02;
      Length 12;
Query Match 0.8%; Score 12; DB 1; Length 12; Best Local Similarity 100.0%; Pred. No. 1.38+02; Matches 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NEGOTO 1 30-09-478-346

Sequence 346, Application US/09475947A

Sequence 346, Application US/09475947A

GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, John D.
TITLE CANTENTION: Polymorphic Repeats in Human Genes
FILE REPRENCE: USD0667

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SEQ ID NO 346

LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-623-891-42
| Sequence 42, Application US/08623891
| Sequence 42, Application US/08623891
| Patent No. 5795778
| GENERAL INFORMATION:
| APPLICANT: Kenneth G. Draper
| TITLE OF INVENTION: INHHBITING HERPES SIMPLEX | TITLE OF INVENTION: INHHBITING HERPES SIMPLEX | TITLE OF INVENTION: VIRUS REPLICATION NUMBER OF SEQUENCES: 115
| CORRESPONDENCE ADDRESS: ADDRESSE: Lyon & Lyon STREET: 611 West Sixth Street CITY: Los Angeles | STATE: California COUNTRY: USA | SIX |
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS (Version 5.0) SOFTWARRE: WordPerfect (Version 5.1) FILING DATE: WordPerfect (Version 5.1) SPICATION NUMBER: US/09/634,262 FILING DATE: May 14, 1992 APPLICATION NUMBER: 07/882,921 FILING DATE: May 14, 1992 APPLICATION NUMBER: 07/883,359 FILING DATE: May 14, 1992 APPLICATION NUMBER: 07/883,327 FILING DATE: Warbard 3. 323 APPLICATION NUMBER: 200/209 FILING DATE: SEPTEMBER 200/209 TELEPHONE: (213) 955-0440 TELEPHONE: (213) 955-0440 INFORMATION: SEQUENCE CHARACTERISTICS: LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 12, Application US/09634262
| Patent No. 6440719 |
| GENERAL INFORMATION |
| APPLICANT: Kenneth G. Draper |
| TITLE OF INVENTION: INFIBITING HERPES SIMPLEX |
| TITLE OF INVENTION: INFIBITION |
| TITLE OF INVENTION |
| TITLE OF INVENT
                              PILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20,209
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
ITELEPHONE: (213) 955-0440
INFORMATION FOR SEQ ID NO: 42:
LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    532 CTGGGACGAAGA 543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
; TOPLOGY: linear
US-09-340-861-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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Pred. No. 1.6e+02;
1; Mismatches 0; Indels
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/623,891
FILING DATE:
CLASSIFICATION NUMBER: US/08/238,200
FILING DATE:
APPLICATION NUMBER: US/09/987,133
FILING DATE:
APPLICATION NUMBER: US/07/987,133
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/882,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: SEPTEMBER: US/09/209
TELECOMMUNICATION INFORMATION:
NAME: Warburg, Richard J.
RESERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELERAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 42:
INNORMATION FOR SEQ ID NO: 42:
INDORMATION FOR SEQ ID NO: 42:
INNORMATION FOR SEQ ID NO: 42:
INDORMATION FOR SEQ ID NO: 44:
INDORMATION FOR SEQ ID NO: 44:
INDORMATION FOR SEQ ID NO: 44:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: 18M Compatible
CORPUTER: 18M Compatible
OPERATING SYSTEM: 18M P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
APPLICATION DATA:
APPLICATION UNMER: US/09/340,861
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
FILING DATE:
APPLICATION NUMBER: 07/882,921
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 91.7%;
Matches 11; Conservative
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STRANDEDNESS: single
// TOPOLOGY: linear
US-08-623-891-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 502
US-09-340-861-42
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US-08-985-162-1760
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                                                                                                                                              Score 12; DB 1; Length 13;
Pred. No. 1.6e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 504
US-08-965-162-1759/C
i Sequence 1759, Application US/08985162
i Sequence 1759, Application US/08985162
i GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: McSwiggen, James
ITILE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
ITILE OF INVENTION: DISBASES OR CONDITIONS RELATED
ITILE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
ITILE OF INVENTION: PACTOR RECEPTORS
INUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 8014c 4700
CITY: Los Angeles
STREET: 3014c 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 315" Diskette, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER READABLE FORM:
MEDIUM TYPE: STORAGE
COMPUTER: PastSED for Windows 2.0
SOFTWARE: PastSED for Windows 2.0
SOFTWARE: PastSED for Windows 2.0
CURRENT APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 Docember 1997
CLASSIFICATION NUMBER: 05/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
MAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 33,327
REGISTRATION NUMBER: 33,3
                                                                                                                                                  Query Match 0.8%;
Best Local Similarity 91.7%;
Matches 11; Conservative
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; STRANDEDNESS: sin
; TOPOLOGY: linear
US-09-634-262-42
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RESULT 505

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Sequence 57, Application US/08929856
; Sequence 57, Application US/08929856
; Patent No. 6136568
; GENERAL INFORMATION:
    APPLICANT: Hist, Andrew
    APPLICANT: Hist, Andrew
    TITLE OF INVENTION:
    TITLE OF INVENTION: ROLLING TEMPLATES
    NUMBER OF SEQUENCES:
    ADDRESSER: LEKNER, DAVID, LITTENBERG, KRUMHOLZ & ADDRESSER: MENTILIK
    STREET: 600 South, Avenue West
    STREET: New Jersey
    COUNTRY: USA
    COUNTRY: USA
    COUNTRY: USA
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MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/929,856
FILING DATE: 15-SEP-1997
CLASSIFICATION NUMBER: US/08/929,856
ATTONIEY/AGENT INFORMATION:
NAME: FOLEY, Shawn P.
REGISTRATION NUMBER: 33,071
REFERENCE/POCKET UNMBER: 33.0-057
TELECOMMULICATION INFORMATION:
TELEPHONE: 908-654-5000
                  CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
FRIOR APPLICATION DATA: including application
FRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: including application
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 08/989,849
FILING DATE: January 19, 1993
APPLICATION NUMBER: 32,327
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard,
REGIEFRATION NUMBER: 32,327
TELEFONDE: (213) 955-0440
TELEFONE: (213) 955-0440
TELEFOX: 67-3510
INFORMATION FOR SEQ ID NO: 58:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANBENESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match

0.8%; Score 12; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 0; Mismatches 0;
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0.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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APPLICANT: Sullivan, Sean M.
APPLICANT: Sullivan, Sean M.
APPLICANT: Stilloonb, James
APPLICANT: Stillocomb, Dan T.
ITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Corrections
                                        STREET: SULTE 4.00
CUITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
2IP: 20071
ZIP: 30071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
SYSTEM TYPE: 3.5" STORE ST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 507
US-08-319-492B-58/c
; Sequence 58, Application US/08319492B
; Patent No. 5616488
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               457 TAAGGACAAGTT 468
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STATE: California
COUNTRY: U.S.A.
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
TOPOLOGY:
US-08-319-492B-57
STREET:
STREET:
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Length 15; 0; Indels Page 180

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GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Mirkin, Chad A.
APPLICANT: Mucic, Robert L.
APPLICANT: Stochoff, James J.
APPLICANT: J.
APPLICA
                                                                                                                                                                                                                                                                                                     Sequence 9, Application US/09344667A

| Sequence 9, Application US/09344667A
| Patent No. 6561944
| Patent Inventation in the patent of the patent of
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US-09-344-667-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match

0.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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; Sequence 9, Application US/09693352
; Patent No. 6417340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
         592 CATCACCACGTC 603
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                                                                                              15 CATCACCACGIC 4
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US-09-081-646-571/C

Sequence 571, Application US/09081646

Patent No. 6333152

GRERRAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Linguist Kenneth
APPLICANT: Lang, Lin
APPLICANT: Zhou, Wei
ITILE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITILE OF INVENTION: Cancer Cells
ITILE OF INVENTION: Cancer Cells
FILE REPERENCE: 01107.74664

CURRENT APPLICATION NUMBER: US/09/081,646

CURRENT APPLICATION NUMBER: US/09/047,352

EARLIER RILING DATE: 1998-05-21

NUMBER OF SEQ ID NOS: 871

SOGTWARE: FastESEQ for Windows Version 3.0

SEQ ID NO 571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                        Length 15;
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                                                                                                                                                                                                                                                                        Query Match
0.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Pagatis, Nikos
APPLICANT: Gold Larry
APPLICANT: Gold Larry
APPLICANT: Gold Larry
APPLICANT: Gold Larry
APPLICANT: Javornik, Brenda
ITLE OF INVENTION: Truncation SELEX Method
FILE REFERENCE: NEX 79
CURRENT APPLICATION NUMBER: US/09/275,850A
CURRENT PILING DATE: 1999-03-24
NUMBER OF SEQ ID NOS: 351
SOFTWARE: Patentin Ver. 2.0
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 509
US-09-275-850-25/c
; Sequence 25, Application US/09275850A
; Patent No. 626174
; Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   154 GCTGCTGCTGGC 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                   244 GAAGAGGAGGCA 255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 GAAGAGGAGGCA 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
NOLECULE TYPE: DNA
US-08-929-856-57
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CORGANISM: Homo sapiens
US-09-081-646-571
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CRGANISM: E. coli
US-09-275-850-25
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NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 515
US-09-603-830-9/c
                   SOFTWARE: Pat
SEQ ID NO 9
LENGTH: 15
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Fatent No. 6489156
GENERAL INFORMATION:
APPLICANT: DISPIRITO, ALAN A.
APPLICANT: DO, YOUNG S.
APPLICANT: PHILLIPS, GREGERY J.
APPLICANT: ARNONGS.
TITLE OF INVENTION: A RUDGESCOCK WASTE LAGOONS AND BIOMASS PRODUCTION
FILE REPERBANCE: 1990-0044/P00148
CURRENT APPLICATION NUMBER: 06/033,087
FRIOR PILLING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIN Ver: 2.1
SEQ ID NO 6
LENGTH: 15
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Sequence 9, Application US/09693005A

APPLICANT: Mirkin, Chad A.

APPLICANT: Mucic, Robert C.

APPLICANT: Storhoff, James J.

APPLICANT: Storhoff, James J.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: AND USES THEREFOR

FILE PRICE APPLICATION NUMBER: US/09/693,005A

CURRENT APPLICATION NUMBER: 09/344,667

PRIOR PILING DATE: 1999-06-25

PRIOR PILING DATE: 1999-01-29

PRIOR PILING DATE: 1996-07-29
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                   OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence US-09-693-352-9
                                                                                                                            Query Match 0.8%; Score 12; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 2.3e+02; Matches 12; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 12; DB 1; I
Best Local Similarity 85.7%; Pred. No. 2.3e+02;
Matches 12; Conservative 1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                       45 GAGGAAGGGAAA 56
                                                                                                                                                                                                                                                                         14 GAGGAAGGGAAA 3
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US-09-565-063-6/c
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Sequence 9, Application US/09603830

Sequence 9, Application US/09603830

Sequence 9, Application US/09603830

Sequence 9, Application

APPLICANT: Mirkin, Chad A.

APPLICANT: Mucic, Robert L.

APPLICANT: Storhoff, James J.

APPLICANT: Storhoff, James J.

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 4149-1-1-1-1

CURRENT APPLICATION NUMBER: US/09/603,830

CURRENT PILING DATE: 1996-07-29

PRIOR FILING DATE: 1996-07-29

PRIOR PILING DATE: 1999-01-29

PRIOR FILING DATE: 2000-04-26

PRIOR FILING DATE: 1009-01-29

PRIOR FILING DATE: 2000-04-26

PRIOR FILING DATE: 1009-01-29

PRIOR FILING DATE: 2000-04-26

PRIOR FILING DATE: 2000-04-26
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                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence US-09-693-005A-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.8%; Score 12; DB 1; Length 15; 100.0%; Pred No. 2.3e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 12; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 2.38+02; Matches 12; Conservative 0; Mismatches 0; Indels
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APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Robert L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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Best Local Similarity 100.
Matches 12, Conservative
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ORGANISM: Artificial Sequence
                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 518
US-08-981-321-5/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 5
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
TITLE OF INVENTION: Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i17
CURRENT APPLICATION NUMBER: US/09/976, 978A
PRIOR PELICATION NUMBER: US/09/03, 830
PRIOR PELICATION NUMBER: 09/240, 755
PRIOR APPLICATION NUMBER: 60/201, 809
PRIOR PELICATION NUMBER: 60/201, 809
PRIOR PELICATION NUMBER: 60/200, 161
PRIOR PELICATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Description of Artificial Sequence:random ) OTHER INFORMATION: synthetic sequence US-09-976-978A-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 12; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 2.3e+02; Matches 12; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      45 GAGGAAGGGAAA 56
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Sequence 5. Application US/08981321A

Factor No. 6146871

Factor No. 6146871

GENERAL INFORMATION:

APPLICATION:

APPLICATION:

TITLE OF INVENTION: TB-(4-CARBOXYBUTHAMIDE)

TITLE OF INVENTION: TB-(4-CARBOXYBUTHAMIDE)

TITLE OF INVENTION: TB-(4-CARBOXYBUTHAMIDE)

TITLE OF INVENTION: PRIFFYING SAID ENZYME

TITLE OF INVENTION: PURIFFYING SAID ENZYME

TITLE OF INVENTION: PURBER: US/08/981,321A

CURRENT APPLICATION NUMBER: US/08/981,321A

CURRENT APPLICATION NUMBER: PG-13

EARLIER APPLICATION NUMBER: PG-08-13

EARLIER APPLICATION NUMBER: PG-08-19

EARLIER FILING DATE: 1997-04-19

EARLIER FILING DATE: 1996-04-19

NUMBER OF SEQ ID NOS: 8

SOFTWARE PRODUCT OF THE PR
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) OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 16;
                                                                                                                                                                                                                                                                                                                                                                                              Score 12; DB 1; Length 15;
Pred. No. 2.3e+02;
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Sequence 20, Application US/08152313
Patent No. 5561041
Patent No. 5561041
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY TITLE OF INVENTION: ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: ADDRESSEE: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
0.8%; Score 12; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 12; DB Best Local Similarity 100.0%; Pred. No. 2... Matches 12; Conservative 0; Mismatches
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                                                                                                                                                                                             Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3946, Application US/08584040
; Sequence 3746398
; GENERAL INFORMATION:
    APPLICANT: Parco, Pamela
    APPLICANT: McSwiggen, James
    APPLICANT: Stinchcomb, Dan T.
    TITLE OF INVENTION: TREATMENT OF DISEASES OR
    TITLE OF INVENTION: GNOWTH FACTOR
    NUMBER OF SEQUENCES: 8502
    CORRESPONDINCE ADDRESS:
    ADDRESSE: Lyon & Lyon
    STREET: 633 West Fifth Street
    STREET: 633 West Fifth Street
                                                                                                                                                                   Score 12; DB 1; Ler
Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: 1BM Compatible
OPERATING SYSTEM: 1BM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
FILING DATE: January 11, 1996
CLASSIFICATION DATA:
FILING DATE: OCCODER 26, 1995
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/C
TELECOMMUNICATION INFORMATION:
TELEPAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3970:
SEQUENCE CHARACTERISTICS:
         MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                             Query Match 0.8%;
Best Local Similarity 100.0%;
Matches 12; Conservative 0
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Best Local Similarity 75.0
Matches 9; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                       78 CACACACCCGCC 89
                                                                                                                                                                                                                                                                                                                                                                                  4 CACACACCCGCC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 521
US-08-584-040-3970
                                                                    , NAME/KEY:
, LOCATION:
US-08-579-223-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
CITY: L
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US-08-579-223-20

US-08-579-223-20

Sequence 20, Application US/0857923

Pateant No. 572609

Sequence 20, Application US/0857923

Pateant No. 572609

TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY TITLE OF INVENTION: ANALYSIS OF SPUTUM

NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESS:
ADDEESSEE: Spensley Horn Jubas & Lubitz
STATE: Los Angeles
STATE: California
CONFUTER PRADABLE FORM:
MEDIUM TYPE: Ealifornia
COMPUTER: IBM PC compatible
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

COMPUTER: LOS NUMBER: US/08/579,223

FILING DATE: 28-DEC-1995

CLASSIFICATION NUMBER: US/08/579,223

FILING DATE: 12-NOV-1993

PILING DATE: 12-NOV-1993

PILING DATE: 12-NOV-1993

PILING DATE: 12-NOV-1993

ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R., REFERENCE/DOCKET NUMBER: PD-2912

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 12; DB 1; L. 100.0%; Pred. No. 3.2e+02; tive 0; Mismatches 0;
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,313
FILING DATE: 12-NOV-1993
CLASSIFICATION: 435
ATTOREY/AGRAY INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAKE (619) 455-5110
INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  78 CACACACCCGCC 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 CACACACCCGCC 15
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, LOCATION: 1...:
US-08-152-313-20
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linear
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100.0%; Pred. No. 3.28+02;
tive 0; Mismatches 0; Indels
                                                                    GENERAL INCORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: Pavco, Pamela
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stochedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: 1.5" DISKETECT SON

CURRENT APPLICATION DATA: 0.50/05.974

FILING DATE: 0.0ctober 26, 1995

ATTORNEY, APPLICATION NUMBER: 26, 1995

ATTORNEY, ARCHAIN INFORMATION:

NAME: Warburg, Richard J.

REFERENCE/DOCKET NUMBER: 22, 128/064

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELERAX: 67-3510

INFORMATION FOR SEQ ID NO: 7583:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 523
US-08-584-040-7584/C
; Sequence 7584, Application US/08584040
; Patent No. 6346398
; CENERAL INFORMATION:
APPLICANT: Pavco, Pamela
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
US-08-584-040-7583/c
; Sequence 7583, Application US/08584040
; Patent No. 6346398
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Best Local Similarity 100.
Matches 12; Conservative
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California
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TITLE OF INVENTION: TREAPPER OF DISSESSED ON THE TITLE OF INVENTION: TREAPPER OF DISSESSED ON THE TITLE OF INVENTION: TREAPPER OF DISSESSED ON THE TITLE OF INVENTION: OF WASCILLAR ENDOTHELIAL TITLE OF INVENTION: OF WASCILLAR ENDOTHELIAL TO INVENTION: OF WASCILLAR ENDOTHER CONTINUE OF WASCILLAR ENDOTHER CONTINUE OF WASCILLAR ENDOTHER CONTINUE OF WASCILLAR ENDOTHER ENTOTHER ENDOTHER ENTOTHER ENTOTH
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Page 185

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VERSULT 526

US-09-474-432B-878/C

Sequence 878, Application US/09474432B

Pacent No. 6528640

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Buggin, Alex

APPLICANT: Buggin, Alex

APPLICANT: Rapeisky, Alex

APPLICANT: Adanic, Jasenka

APPLICANT: Adanic, Jasenka

APPLICANT: Sweedler, David

APPLICANT: Sweedler, David

APPLICANT: MADER: 1989-12-19

FILE OF INVENTION: NUCLEOTICE triphosphate and their incorporation into oligonucleotis

TILLE OF INVENTION: NUCLEOTICE 1999-12-19

FILE REPRENCE: 1999-12-19

FRIOR PRILOK DATE: 1999-12-19

PRIOR APPLICATION NUMBER: US 60/064,866

PRIOR APPLICATION NUMBER: US 60/084,727

PRIOR PLILOK DATE: 1998-11-04

PRIOR FILING DATE: 1998-11-04

PRIOR FILING DATE: 1998-11-04

PRIOR FILING DATE: 1998-10-04

SEQ ID NOS: 1526

SOFTWARE: PACENT IN VERSION 3.0

SEQ ID NO 978

LENTH: 17
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APPLICANT: Pavo, Pam
APPLICANT: Pavo, Pam
APPLICANT: Stricthcomb, Dan
APPLICANT: Stricthcomb, Dan
APPLICANT: Stricthcomb, Dan
APPLICANT: Bscobedo, Jaime
APPLICANT: Bscobedo, Jaime
APPLICANT: Bscobedo, Jaime
APPLICANT: Bscobedo, Jaime
APPLICANT: Dan
APPLICANT: Dan
APPLICANT: Dan
APPLICANTION: Merch of Vascular Endothelial Growth Factor Receptor
FILE REPERENCE: MBISSO, 876-J (2371,98)
FURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1442 GGCATCCACTGG 1453
                                                                                                                                                                                                                                                                                                                           208 CTCGGGACTGGC 219
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; ORGANISM: Homo sapiens
US-09-474-432B-878
   ; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 527
US-09-371-772B-1737
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GENERAL INCRAMINON:
APPLICANT: Ribozyme Hormaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beadry, Amber
APPLICANT: Rarpeisky, Alex
APPLICANT: Rarpeisky, Alex
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Sweedler, 1247/276)
FILE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE PREBERICE: MBHB00-831-8 (247/276)
CURRENT FILING DATE: 1999-12-19
FRIOR PELICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1999-04-28
FRIOR FILING DATE: 1999-04-28
FRIOR PILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: Patentin version 3.0
SEQ ID NO 587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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100.0%; Pred. No. 3.2e+02;
tive 0; Mismatches 0; Indels
                                                                                                                  CUUNIVER S. 0.5...

ZIF: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: 1BM COMPACIBLE
COMP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-474-432B-587/c
; Sequence 587, Application US/09474432B
; Parent No. 6528640
; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               620 AAGTACGGCATG 631
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Best Local Similarity 100.
Matches 12; Conservative
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STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY:
US-08-679-645-829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        g
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Sequence 20, Application PC/TUS9412947A

GENERAL INCRMATION:
APPLICANT: The Johns Hopkins University School of Medicine
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
TITLE OF INVENTION: ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES:
ADDRESSES: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STREET: California
STREET: USA
ZIP: 90067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 12; DB 1; Length 17;
Pred. No. 3.2e+02;
3; Mismatches 0; Indels
                                                                                                                                                                               Query Match 0.8%; Score 12; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 3.2e+02; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
  PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFFWARE: Patentin version 3.0
SEQ ID NO 3380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 75.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1444 CATCCACTGGTA 1455
                                                                                                                                                                                                                                                                 359 TCCGAGCGATTT 370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 CAUCCACUGGUA 16
                                                                                                                                                                                                                                                                                                     12 rccaaccarrr 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
CRGANISM: Homo sapiens
US-09-371-772B-6382
                                                                                                  ; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3380
                                                                                                                                                                                                                                                                 ò
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US-09-311-772B-3379/C

i Sequence 3379, Application US/09371772B

i Sequence 3379, Application US/09371772B

i Settent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bacobedo, Jaime
APPLICANT: Stinchomb, Dan.
APPLICANT: Scocbedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1995-10-26

PRIOR FILING DATE: 1995-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTHARE: PatentIn version 3.0

LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US=011-72B=3380/c
Sequence 3380, Application US/09371772B
Sequence 3380, Application US/09371772B
Sequence 3380, Application US/09371772B
Sequence 3380, Application US/09371772B
Sequence 3380, Application
Sequence 3380, Application
APPLICANT: RevCo. Pam
APPLICANT: Second Jam
APPLICANT: Second Jam
APPLICANT: Second Jam
APPLICANT: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE PEFERENCE: MEHBOO, 876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
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                                                                                                                                                                                                     Length 17;
                                                                                                                                                                                                     Score 12; DB 1; I
Pred. No. 3.2e+02;
3; Mismatches 0;
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SEG ID NO 1737
LENGTH: 17
                                                                                                                                                                                                     Query Match
Best Local Similarity 75.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                    1444 CATCCACTGGTA 1455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     359 TCCGAGCGATTT 370
                                                                                                                                                                                                                                                                                                          6 CAUCCACUGGUA 17
                                                                                                                                           ; ORGANISM: Homo sapiens
US-09-371-772B-1737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3379
                                                                                                                          TYPE: RNA
                                                                                                                                                                                                                                                                                                                      g
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Query Match
0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 2.5e+02;
Matches 11; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NG-08-334-847-117/c

Sequence 117, Application US/08334847

Patent No. 563252

Patent No. 10 Patent New No. 10 Patent No.
                                                                                               CITY: Los Angeles
STRAET: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPOTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 18.0 TOORDALIBLE
COMPUTER: Extrage Form:
MEDIUM TYPE: 18.0 TOORDALIBLE
COMPUTER: 18M COMPATIBLE
COMPUTER: 18M COMPATIBLE
COMPUTER: 18M COMPATIBLE
OFFRARET APPLICATION NUMBER: U$/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGESTRATION NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (7-3510
SEQUENCE CHARACTERIFICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 90071-2066
COMPUTER READBLE FORM:
MEDIUM TYPE: 35" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IEM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SUTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  382 CCCCAATTACAACCC 396
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CCCGGAUUACAACCC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-182-968A-375
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 532
US-09-475-947A-332/C
) Sequence 332, Application US/09475947A
) Patent No. 6472154
) GENERAL INFORMATION:
APPLICANT: Wren, Jonathan D.
APPLICANT: Winna, John D.
TILLE OF INVENTION: O'NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
) SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 332
LENGTH: 30
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12947A
FILING DATE: 10-NOV-1994
CLASSIFICATION:
ATTONENTY/AGENT INFORMATION:
NAME: Haile, Pb.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: P-2912
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 20:
SECUREN: (619) 455-5110
INPORMATION FOR SEQ ID NO: 20:
SECURE TYPE: DASS PAIRS
TOPOLOGY: linear
MULECULE TYPE: DNA (Genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 375, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 12; DB Best Local Similarity 100.0%; Pred. No. 3.2 Matches 12; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1413 CCGACGCTCCGGGTGCGGGGCCCACCGC 1440
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LOCATION: 1..17
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; ORGANISM: human
US-09-475-947A-332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 533
US-08-182-968A-375
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Query Match 0.7%; Score 11.8; DB 1; Length 15; Best Local Similarity 86.7%; Pred. No. 2.5e+02; Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                            Query Match 0.7%; Score 11.8; DB 1; Length 15; Best Local Similarity 73.3%; Pred. No. 2.5e+02; Matches 11; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: REVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon STREET: Suite 4700
STREET: Suite 4700
CITY: Los Angeles
CITY: Los Angeles
CTATE: California
COUNTRY: U.S.A.
ZIP: 90071
CONDUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Grorage
COMPUTER: IBM COMPALIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRICH APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: DECEMBER: SIPSUITE APPLICATION NUMBER: US/08/363,240A
FILING DATE: DECEMBER: US/08/363,240A
FILING DATE: DECEMBER: US/08/363,240A
FILING DATE: DECEMBER: US/08/363,240A
FILING DATE: DECEMBER: US/08/363,240A
FILING DATE: DATE: US/08/363,240A
FILING DATE: US/08/363,240A
                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-363-240A-199/c
; Sequence 199, Application US/08363240A
; Patent No. 5705388
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFRENCE/DOCKET NUMBER: 210/C
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPK: 67-3510
INFORMATION FOR SEQ ID NO: 199:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1453 GTACTCGCAGCTGCT 1467
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                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        nucleic acid
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                                                                                       linear
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APPLICANT: Coutur
                                                                                       TOPOLOGY:
                                                                                                             US-08-363-240A-9
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0.7%; Score 11.8; DB 1; Length 1
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Co-U8-363-240A-9

Sequence 9, Application US/08363240A

Patent No. 5705388

GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: WETHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION
TITLE OF INVENTION: OF VACCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESSEONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angele-
FILING DATE: No. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTOMEN'APENTINENMATION:
NAME: WATBURG, RICHARD J. 32, 327
REGISTRATION NUMBER: 32, 327
REGISTRATION NUMBER: 209/032
TELEPRONE: (213) 489-1600
TELEPRAY: (213) 959-1600
TELEPRAY: (213) 959-1600
TELEPRAY: (713) 955-0440
TELER. 67-3510
INFORMATION FOR SEQ ID NO: 117:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDRESS: single
TOPOLOGY: linear
US-08-334-847-117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER POOTAL
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM COMPATIBLE
OPERATION SYSTEM: IBM P.C. DOS 5.0
SOFTWARRE: Word Perfect 5.1
CURRENT APPLICATION NUMBER: US/08/363,240A
PRILNG DATE: December 23, 1994
APPLICATION NUMBER: US/08/363,240A
PRILNG DATE:
APPLICATION NUMBER: 21,1994
APPLICATION NUMBER: 32,327
REFERENCE, DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ 1D NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             406 ATTTAAGGATGAAGA 420
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STATE: California
COUNTRY: U.S.A.
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-363-240A-9
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US-08-363-240A-659
IS-quence 659, Application US/08363240A
Patent NO. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: Bisgaler, Charles
APPLICANT: Wichael
AUTHER OF INVENTION: PROCRESSION AND REGRESSION
ADDRESSE: Los ANDERSS:
ADDRESSE: Los ANDERSS:
ADDRESSE: Los Angeles
STREET: Galifornia
COUNTRY: Los Angeles
COUNTRY: U.S.A.
ZIP: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: SO01:
ADDIUM TYPE: 3.5." Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: Storage
COMPUTER: 1BM Compatible
OPERATING SYSTEM: 1BM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE:
APPLICATION NUMBER: 33,1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 33,127
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REPRESENCE/DOCKET NUMBER: 32,327
REPRESENCE/DO
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 Weet Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 648: SEQUENCE CHARACTERISTICS: LENGTH: 15 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1274 CGGGCCTTCGCGCCC 1288
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                               WESULF 537

US-08-363-363-240A-647

Sequence 647, Application US/08363240A

Patent No. 5705388

GENERAL INFORMATION:
APPLICANT: COLULUE, Larry
APPLICANT: Biggain, James
APPLICANT: Biggain, James
APPLICANT: Biggain, James
APPLICANT: Pape, Michael
ITILE OF INVENTION: PROCRESSION AND REGRESSION
ITILE OF INVENTION: PROCRESSION AND REGRESSION
ITILE OF INVENTION: OF VASCULAR DISBASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENT ADDRESS:
ADDRESSEE: LAYON & LAYON
STREET: 633 West Fifth Street
STREET: 631 West Fifth Street
STREET: Galifornia
COUNTRY: Los Angelss
COMPUTER READABLE SCORM:
MEDIUM TYPE: Storage
COMPUTER READABLE SORM:
MEDIUM TYPE: Storage
COMPUTER READABLE SORM:
MEDIUM TYPE: STORAGE STORAGE SOFTWARE: Nord Perfect 5.1
COMPUTER READABLE SORM:
MEDIUM TYPE: STORAGE SORME SOFTWARE: Nord Perfect 5.1
COMPUTER MEDIALICATION NUMBER: 23, 1994
PRIOR APPLICATION NUMBER: 32, 1994
PRIOR APPLICATION NUMBER: 31, 1994
PRIOR APPLICATION NUMBER: 31, 2327
REFERENCE/DOCKET NUMBER: 31, 2327
REFERENCE/COCKET NUMBER: 32, 2327
REFERENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 538
US-08-363-240A-648

j Sequence 648, Application US/08363240A

j Patent No. 570538

j Patent No. 570538

j PAPLICANT: Couture, Larry

APPLICANT: McSwiggen, James

APPLICANT: Bisgaier, Charles

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: PROCRESSION AND REGRESSION

TITLE OF INVENTION: PROCRESSION AND REGRESSION

TITLE OF INVENTION: OF VASCULAR DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1274 CGGCCTTCGCGCCC 1288
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Gaps

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Query Match 0.7%; Score 11.8; DB 1; Length 15; Best Local Similarity 73.3%; Pred. No. 2.5e+02; Matches 11; Conservative 2; Mismatches 2; Indels
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Sequence 57, Application US/08311486C
Sequence 57, Application US/08311486C
Sequent No. 581300
Sequent No. 581300
Septicant: Sequence 57, Application US/08311486C
Septicant: Remuch Draper
APPLICANT: Remuch Draper
APPLICANT: Remuch Draper
APPLICANT: Dames McSwiggen
TILLE OF INVENTION: RELATED TO LEVELS OF
TILLE OF INVENTION: RELATED TO LEVELS OF
TILLE OF INVENTION: TWE-1
STREET: Sile 4700 E Lyon
STR
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                                                                                                        4: 15 base pairs
nucleic acid
DEDNESS: single
                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS.
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nucleic acid
                                                                                                                                                                                                    linear
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                                                                                                                                                                   ; STRANDEDNESS:
; TOPOLOGY: lin
US-08-363-240A-660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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TOPOLOGY: 11
US-08-311-486C-57
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0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 2.5e+02;
Matches 11; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 540
US-08-363-240A-660
IS-08-363-240A-660
| Sequence 660, Application US/08363240A
| Patent No. 570538
| GENERAL INCRAMINON:
| APPLICANT: Couture, Larry
| APPLICANT: Bisgaier, Charles
| APPLICANT: Bisgaier, Charles
| APPLICANT: Pape, Michael
| TITLE OF INVENTION: PROCRESSION AND REGRESSION
| TITLE OF INVENTION: PROCRESSION AND REGRESSION
| TITLE OF INVENTION: OF VASCULAR DISEASES
| WUMBER OF SEQUENCES: 1243
| CORRESPONDENCE ADDRESS:
| ADDRESSE: Lyon & Lyon
| STREET: 613 West Fifth Street
SOFTWARE: Word Petrec.

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
RELERAN: (213) 955-0440
TELEFHONE: (213) 955-0440
TELERA: 67-3510
INFORMATION FOR SEQ ID NO: 659:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
STRANDEDNESS: single
STRANDEDNESS: single
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: LOS ALGENES
CITY: LOS ALGENES
CANTER: CALIFORNIA
ZIP: 90071
ZIP: 90071
ZIP: 30071
ZIP: 30071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 15" Diskette, 1.44 Mb
MOTARIA SPETICAL
REPLICATION NUMBER: 18" OS 5.0
RELIAMO DATE: December 23, 1994
PRICATION NUMBER: 18" PILING DATE:
FILING DATE: THORNATION:
REPERENCE/DOCKET NUMBER: 32,327
REPERENCE/DOCKET NUMBER: 210/096
TELECOMMUTICATION INFORMATION:
TELECOMMUTICATION INFORMATION:
TELEFRAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1027 GCCGCCTTCCGGGGG 1041
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GCCGCCUUCCAGGAG 15
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                                                                                                                                                             GENERAL INVORMATION:
GENERAL INVORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kenneth Draper
APPLICANT: Kenneth Draper
APPLICANT: Danes McSwiggen
TITLE OF INVENTION: RIGATED TO LEVELS OF
TITLE OF INVENTION: TIP-'
INVERSED OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: G33 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STREET: Suite 4700
CITY: Los Angeles
STREET: Suite 8700
CONDITY: U.S.A.
ZIP: 90071-206
COMPUTER: BACAGE
COMPUTER: BM COMPALIBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Sorrage
COMPUTER: BM COMPALIBLE FORM:
MEDIUM TYPE: SOFTWAR:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSITICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: SAPEMBER 1994
CLASSITICATION DATA: ABSCRIBED FORM:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: Datalury 19 1993
APPLICATION NUMBER: US/08/311,486C
FILING DATE: Datalury 19 1993
APPLICATION NUMBER: US/08/349
FILING DATE: December 7, 1992
APPLICATION NUMBER: OS/08/349
FILING DATE: December 7, 1992
NAME: Warbhird Strian A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 544
US-08-292-620A-200/c
; Sequence 200, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
                                                                                    Sequence 675, Application US/08311486C Patent No. 5811300 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  32,327
R: 209/166
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TELERY: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 675: SEQUENCE CHARACTERISTICS: LENGTH: 15 base pairs TYPE: nucleic acid STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              328 CGGAAGGTATGAAGG 342
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86.7%; Pred. No. 2.5e+02;
tive 0; Mismatches 2; Indels
Query Match

0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                        RESULT 542
US-08-311-486C-165/C
US-08-311-486C-165/Application US/08311486C
Patent No. 5811300
Patent National National Patent N
                                                                                                                       237 GGTTCGGGAAGAGG 251
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Best Local Similarity
Matches 13; Conserva
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Gaps
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MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: 18 EACANT.
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: 18 FO/KITA
COMPUTER: 18 F
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US-08-173-489C-329
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Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR TITLE OF INVENTION: URUS REPLICATION NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Journal of Bacteriology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Lyon & Lyon
633 West Fifth Street
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NEW YORK
: NEW YORK
XY: USA
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VOLUME: 171
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    CITY: NEV
STATE: NE
COUNTRY:
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0.7%; Score 11.8; DB 1; Length 1
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 329, Application US/08173489C
Patent No. 5861244
CANEAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROPILE DIAGNOSTIC SCIENCES, INC.,
STREET: SIO BAST 73RD STREET,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTEX: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: BACABGE
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OOPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
PILING DATE: AUGUST 17, 1994
CLASSIFICATION NUMBER: US/08/292,620A
FILING DATE: AUGUST 17, 1994
CLASSIFICATION DATA: including application
PRIOR APPLICATION DATA: 1993
APPLICATION NUMBER: 07/993,849
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/993,849
FILING DATE: December 7, 1992
APPLICATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECHOME: (213) 955-0440
TELECHOME: (213) 955-0440
TELECHOME: (213) 955-0440
TELECHOMET NUMBER: 020:
SEQUENCE CHARACTERISTICS:
LENGTH 15 base pairs
                                                                                                                               APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: BIBOZYME OK
TITLE OF INVENTION: RELATED TO LEVELS OR
TITLE OF INVENTION: RELATED TO LEVELS ON
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCES: 2390
CORRESPONDENCES: Lyon & Lyon
STREET: 633 West Fith Street
STREET: 633 West Fith Street
    Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1469 TACCAAATAGGCACC 1483
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear
US-08-292-620A-200
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                                                    APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 545
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Sequence 19, Application US/08856141

Sequence 19, Application US/08856141

Sequence 10. 5946616

GENERAL INFORMATION:
APPLICANT: CHAO, JULIE
TITLE OF INVENTION: DESENTIAL HYPERTENSION
TITLE OF INVENTION: ESSENTIAL HYPERTENSION
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STREET: On ALTHORS
CITY: ALLANTE: OF ALLANTE OF 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.7%; Score 11.8; DB 1; Length 15;
86.7%; Pred. No. 2.5e+02;
tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: DESKETE COMPACTION
COPERATING SYSTEM: DOS
SOFTWARE: FASSESO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/856,141
FILING DATE: US/08/856,141
FILING DATE: TH-MAY-1997
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 35
RAPLICATION NUMBER: 1870NEWATION:
NAME: MILIER MAY 1897
REPERENCE/DOCKET NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 19070.0045
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-9880
                                                20-3484
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 20-36
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEPRAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-232-081B-16
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SEQUENCE CHARACTER.STICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15 GGGACCAAGCTGGAG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.7
Best Local Similarity 86.7
Matches 13; Conservative
                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-856-141-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GAPELICANT: MATCHANI, TOWOYUKI
APPLICANT: GOMI, HIDEYUKI
APPLICANT: GOMI, HIDEYUKI
APPLICANT: GOMI, HIDEYUKI
APPLICANT: GOMI, HIDEYUKI
APPLICANT: MUJDENES, JOHN
APPLICANT: NOGUCHI, HENCHI
TITLE OF INVENTION: HUMANIZED B-BIO
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PO BOX 747
CITY: FALLS CHURCH
STATE: VA
COUNTRY: USA
ZIP: 22040-0747
COMPUTER: ISPOPY disk
MEDIUM TYPE: Floppy disk
COMPUTER: ISPOPY disk
COMPUTER: BADABLE FORM:
MEDIUM TYPE: PAPLICATION BOTA:
CORPUTER: BACHILIA RELEASE #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/232,081B
FILING DATE:
CLASSIPICATION: 424
ATTORNEY AGENT INFORMATION:
NAME: SVENSSON, LEONARD R
                                                                                      COUNTRY: U.S.A.

ZIF: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: 50.5" Diskette, 1.44 MD
SOFTWARE: MOND FILER EN CONDATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
FILING DATE: MAN 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/MONDER: 223/227
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 375:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-232-081B-16/c
; Sequence 16, Application US/08232081B
; Patent No. 5886152
; GENERAL INFORMATION:
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Best Local Similarity 73.3
Matches 11, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     / TYPE: nucleic acid
/ STRANDEDNESS: singl
/ TOPOLOGY: linear
US-08-774-306A-375
                                            CITY: Los Angeles
STATE: California
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APPLICANT: Stefan
APPLICANT: NYGREN, Per-Ake
APPLICANT: NYGREN, Per-Ake
APPLICANT: HANSSON, Mathias
APPLICANT: NGUYEN, Thien N
TITLE OF INVENTION: RECOMBINANT DNA CODING FOR SIGNAL
TITLE OF INVENTION: PEPTIDE, SELECTIVE INTERACTING POLYPEPTIDE AND MEMBRANE
TITLE OF INVENTION: ANCHORING SEQUENCE
NUMBER OF SEQUENCE: 11
CORRESPONDENCE ADDRESS: 11
CORRESPONDENCE ADDRESS: A A A A Rexadria
STREET: P.O. Box 1404
CITY: A A A Rexadria
STREET: Virginia
STREET: Virginia
STREET: Virginia
STREET: MEDIUM TYPE: Floppy disk
COMPUTER READABLE Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.7%; Score 11.8; DB 1; Length 15;
86.7%; Pred. No. 2.5e+02;
tive 0; Mismatches 2; Indels
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: C. I. DU PONT DE NEMOURS AND
ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: 1007 MARKET STREET
CITY: WILMINGTON
STATE: 10099
COMPUTER READALE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: READALE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: BW PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
PLING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 33,692
RIGH APPLICATION NUMBER: 33,692
RIGH APPLICATION NUMBER: 33,692
RESPRENCE/DOCKET NUMBER: 33,692
RESPRENCE/DOCKET NUMBER: 33,692
RESPRENCE/DOCKET NUMBER: BB-1064-A
TELEPHONE: 302-892-8112
TELEPHONE: 302-992-9494
INFORMATION POR SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-629-039-11
; Sequence 11, Application US/08629039
; Patent No. 5958736
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      70 CGCACACGCACACAC 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best_Local Similarity 86.7
Matches 13, Conservative
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Pred. No. 2.5e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; be 2; 2.5e+02; 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZUE: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FOLOPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
                                                                                                                                                                       Sequence 8, Application US/08849021
| Sequence 8, Application US/08849021
| Patent No. 5955276
| GENERAL INFORMATION: OFFICE MICHELE
| APPLICANT: WOGEL, JULIE M.
| TITLE OF INVENTION: COMPOUND MICROSATELLITE
| TITLE OF INVENTION: DETECTION OF GENETIC
| TITLE OF INVENTION: DETECTION OF GENETIC
| TITLE OF INVENTION: DOLYMORPHISMS
| NUMBER OF SEQUENCES: 89
| CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPOUND MICROSATELLITE
PRIMERS FOR THE
DETECTION OF GENETIC
POLYMORPHISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: E. I. DU PONT DE NEMOURS AND ADDRESSEE: COMPANY STREET: 1007 MARKET STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REPERRENCE/POCKET NUMBER: BB-1064-A
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 550
US-08-849-021-10/c
US-08-849-021-10/c
Sequence 10, Application US/08849021
Patent No. 5955276
GENERAL INFORMATION:
APPLICANT: WORGANTE, MICHELE
APPLICANT: WORGANTE, JULIE M.
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: POLYMORPHISMS
TITLE OF INVENTION: POLYMORPHISMS
               1561 GGCGCGCGCAGGGGC 1575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic) US-08-849-021-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 86.7%;
Matches 13; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WILMINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DELAWARE U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic STRANDEDNESS:
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Page 195

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                                                                                                                                        Length 15;
                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CONTUTE READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/667,939A
FILING DATE: 24-JUN-1996
PRIOR APPLICATION NUMBER: US/08/433,123
ATTONER/ACENT INFORMATION:
APPLICATION NUMBER: US/08/67,939A
FILING DATE: 03-MAY-1995
ATTONER/ACENT INFORMATION:
NAME: BROWDY: ROGET L.
REGISTRATION NUMBER: LUO-2A
TELEPRANCALOCKET NUMBER: LUO-2A
TELEPRANCALOCKET NUMBER: LUO-2A
TELEPRANCALOCKET NUMBER: US/08/67
TELEPRANCALOCATION INFORMATION:
TELEPRANCALOCATION INFORMATION:
TELEPRANCALOCATION INFORMATION:
TELEPRANCALOCATION OF 11:
SEQUENCE (FARRACTERISTICS:
LUNCOMMIL 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-667-939A-11/c
| Sequence 11, Application US/08667939A
| Patent Mo. 5998166
| GENERAL INFORMATION:
| APPLICANT: LUO, Shun
| TITLE OF INVENTION:
| OF RESPONDENCE ADDRESS:
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: ADDRESS:
| ADDRESSEE: ADDRESS:
| ADDRESSEE: ADDRESS:
| STREET: 419 Seventh Street, N.W., Suite 300
| CITY: Weshington
| STATE: D.C.
       ; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
18-08-550-120-3
                                                                                                                                        0.7%; Score 11.8; DB 1;
86.7%; Pred. No. 2.5e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-667-939A-22
; Sequence 22, Application US/08667939A
; Patent No. 5998166
; GENERAL INFORMATION:
APPLICANT: LUO, Shun
; TITLE OF INVENTION:
NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                             1359 GCGGGGACCGCGGGG 1373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           173 CTGCTGCTAGTCCTC 187
                                                                                                                                                                                                                                                                                                                                              15 GCGGGGGGGGGG 1
                                                                                                                                                                        Best Local Similarity 86.73
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 86.7
Matches 13; Conservative
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20004
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                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 553
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196-550-120-3/C

196-550-120-3/C

196-550-120

197-3/C

1985-54

1987-3-1 INFORMATION:

1987-3-1 I
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                     FILING DATE:
CLASSIFICATION 1435
RIGARIO APPRICATION DATA:
REPLICATION DATA:
APPLICATION NUMBER: US 08/140,138
FILING DATE: 03-NOV-1993
APPLICATION NUMBER: ES 9101433-2
FILING DATE: 13-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 003300-295
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 11:
SECONTONE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
APPLICATION NUMBER: US/08/629,039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-629-039-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1548 GGCCGGGGGAGGGG 1562
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
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Gaps

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US-09-284782-8/c
is Sequence 8, Application US/09284782
is Sequence 8. Application US/09284782
; Patent No. 6057111
is GENERAL INFORMATION:
APPLICANT: ENTERPRISES, LTD., QBI
APPLICANT: Effence, Louis P.
APPLICANT: Effence, Elena
APPLICANT: Finat, Pruma
APPLICANT: Finat, Paz
ITILE OF INVENTION: GENE
ITILE OF INVENTION: 36
CORRESPONDENCE ADDRESS:
ADDRESSES: Kohn & Associates
STREET: 30500 No. 6057111thwestern Highway, Suite 410
CITY: Farmington Hills
COUNTRY: US
ZIP: Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 15;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/284,782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
0.7%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

0.7%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2;
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Montgomery, 11ene N.
REGISTRATION NUMBER: 38,972
REFERENCE/DOCKET NUMBER: 0168-00022
TELECOMMUNICATION INFORMATION:
                               REFERENCE/DOCKET NUMBER: 2328-110
TELECOMUNICATION INFORMATION:
TELEPRAX: 202-783-6040
TELEPRAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
MOLECULE TYPE: other nucleic acid
US-08-994-946A-10
                                         2328-110
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          28,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (248) 539-5050
TELEPAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pars
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1362 GGGACCGCGGGGGCG 1376
          REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-284-782-8
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US-08-994-946A-10/c
Sequence 10, Application US/08994946A
; Sequence 10. Application US/08994946A
; Patent No. 6046317
; GENERAL INFORMATION:
    APPLICANT: Koulu, Matti
    APPLICANT: Foulu, Matti
    APPLICANT: Pesonen, Ullamari
    APPLICANT: Dusitupa, Matti
    TITLE OF INVENTION: Prepro-Neuropeptide Y, a Mutant Signal Peptide, and Uses
    TITLE OF INVENTION: Thereof
    NUMBER OF SEQUENCES: 14
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                                                                                                           COUNTRY:

ZIP: 20004
ZIP: 24-UN 1996
ZIING DATE: 24-UN 1996
ZIING DATE: 24-UN 1996
ZIING DATE: 03-MAY-1995
ZIING DATE: 03-MAY-1995
ZIP: 24-UN 1996
ZIP: 24-ZIP: 25-ZIP: 25-ZI
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COMPUTER READABLE FORM:
MEDIUM TYPE: Flopped disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/994,946A
FILING DATE: 19-DEC-1997
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Rothwell, Figg, Ernst & Kurz, P.C.
555 13th Street NW, Suite 701-E
E: BROWDY AND NEIMARK
419 Seventh Street, N.W., Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS: LENGTH: 15 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        173 CTGCTGCTAGTCCTC 187
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ADDRESSEE: BROWD)
STREET: 419 Sever
CITY: Washington
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CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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                                                                 CITY: Wa
STATE: D
COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Indels
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Sequence 200, Application US/09071845

Patent No. 6132967

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dames McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Sean Sullivan
APPLICANT: Renneth G. Draper
ITILE OF INVENTION: DISEASES OR CONDITIONS
ITILE OF INVENTION: DISEASES OR CONDITIONS
ITILE OF INVENTION: INTRACELLULAR ADHESION
ITILE OF INVENTION: MOLECULE-1 (I-CAM-1)
CORRESSONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: Los hard.
                                  STATE: CALIFOLIDA
COUNTY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 13. Forage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOCTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064.156A
FILING DATE: April 21, 1998
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/74,306
FILING DATE: May 14, 1992
ATTONNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REJERANCA (213) 489-1600
TELEFRANCATION INFORMATION:
TELEFRONMINICATION OF 32,327
TELEFRONMINICATION OF 32,327
TELEFRONMINICATION OF 32,000
INFORMATION FOR SEQ ID NO: 375:
LENGRICE CHARACTERISTICS:
LENGRICE MARACTERISTICS:
LENGRED.
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CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         382 CCCCAATTACAACCC 396
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 73.3 Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
   Los Angeles
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-064-156A-375
CITY: LOE
STATE: Ca
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                          US-08-87-036A-14/C

| Sequence 14, Application US/08827036A
| Patent No. 6080727|
| Patent No. 6080727|
| Fatent No. 6080727|
| GENERAL INFORMATION:
| APPLICANT: Gabriella Zupi
| TITLE OF INVENTION: Compositions for Human Melanoma NUMBER OF SEQUENCES: 18
| CORRESPONDENCE ADDRESS: ADDRESSE: JANUARES ON BRANCE ADDRESS: ADDRESSE: JANUARE OF STREET: 3000 El Camino Real CITY: Palo Alto Square, STREET: 3000 El Camino Real CITY: Palo Alto
| STREET: Galifornia COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: 9436-2155

COMPUTER READABLE FORM:
MEDIUM TYPE: 3 5.5 inch diskette
COMPUTER: IBM compatible
COMPUTER: IBM compatible
COMPUTER: IBM compatible
COMPUTER: IBM compatible
COMPUTER: Microsoft word for Windows, vers. 2.0
SOFTWARE: Microsoft word for Windows, vers. 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/827,036A
FILING DATE: 26-MAR-1996
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 105N
FILING DATE: 26-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: James A. Bradburne, Ph.D.
REGISTRAION NUMBER: 38,389
REPERRENCE/DOCKET NUMBER: 138,389
REPERRENCE/COCKET NUMBER: 138,389
REPURRENCE/COCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 558
US-09-064-156A-375
Sequence 375, Application US/09064156A
Patent No. 6132866
GRNERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                        227 CCGGGCAGGGGGTTC 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                935 GAGCGCCTGCTC 949
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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US-08-827-036A-14
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10001844-3.rni

Tue Dec 23 16:39:03 2003

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-344
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0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 24, Application US/08787321A
Sequence 24, Application US/08787321A
Patent No. 618077
GENERAL INFORMATION:
TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
TITLE REFERENCE: (1300-1199.002
CURRENT APPLICATION NUMBER: US/08/787,321A
CURRENT FILING DATE: 1997-01-03
EARLIER FILING DATE: 1996-01-12
NUMBER OF SEQ ID NOS: 27
SEQ ID NO 24
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
0.7%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2;
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
FLING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: January 19, 1994
APPLICATION NUMBER: US/08/895
FILING DATE: December 7, 1994
APPLICATION NUMBER: 07/889,849
FILING DATE: December 7, 1992
ATORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 208/149
FELECOMMUNICATION INFORMATION:
TELEPRA: 67-3510
INFORMATION FOR SEQ ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TELEY: 15 base pairs
TYPE: NULLE CANDINGS: single
TOPOLOGY: linear
US-09-071-845-200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 561
US-09-043-303-15/c
; Sequence 15, Application US/09043303
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 CACACACACACAC 15
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US-08-787-321-24
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PRESENT. No. 623159

PRESENT. NO. 623159

PRESENT. NO. 623159

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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     ) LENGTH: 15

) TYPE: DNA

; ORGANISM: Homo sapiens

US-09-081-646-730
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US-09-081-646-484

i Sequence 484, Application US/09081646

j Sequence 484, Application US/09081646

j Sequence 484

gENERAL INFORMATION:

dAPPLICANT: Kinaler, Kenneth

APPLICANT: Shang, Lin

APPLICANT: Zhang, Lin

APPLICANT: Zhang, Lin

APPLICANT: Chang, Lin

TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

TITLE OF INVENTION: Cancer Cells

TITLE OF INVENTION: Cancer Cells

TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

TITLE OF INVENTION: Cancer Cells

TITLE OF INVENTION: Cancer Cells

TITLE OF INVENTION: UNMBER: 05/047,352

CURRENT FILING DATE: 1998-05-20

SARLIER FILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 871

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 15
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US-09-081-646-730

Sequence 730, Application US/09081646

Patent No. 6333152

GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: APPLICANT: Abou, wei

ITILE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITILE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITILE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITILE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITILE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITILE OF INVENTION: Gene Expression Profiles
ITILE OF INVENTION NUMBER: 06/047,352

RARLIER APPLICATION NUMBER: 60/047,352

RARLIER FILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 871

SEQ ID NO 730
                                                                                                                                                                                                                                                                                                                                                                                Gaps
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86.7%; Pred. No. 2.5e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                     Query Match 0.7%; Score 11.8; DB 1; Length 15; Best Local Similarity 86.7%; Pred. No. 2.5e+02; Matches 13; Conservative 0; Mismatches 2; Indels
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTHARE: FastSEQ for Windows Version 3.0
SEQ ID NO 424
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                               1195 CACGGCCCAGGGCAC 1209
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Best Local Similarity 86.7°
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
CRGANISM: Homo sapiens
US-09-081-646-484
                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-424
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PROMOTER POLYMORPHISMS WITH TREATMENT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e = ) OTHER INFORMATION: synthetic construct US-09-495-140-19
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APPLICANT: CHAO, LEE
APPLICANT: CHAO, JULIE
APPLICANT: CHAO, JULIE
APPLICANT: CHAO, JULIE
APPLICANT: CHAO, JULIE
APPLICANT: SONG, JULIE
APPLICANT: SONG, JULIE
APPLICANT: SONG, JULIE
APPLICANT: OF SESTIVE KALLIKREIN GENE PROMOTER POLYMORPHISM
TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION
CURRENT FALLIGN DATE: 1091-091-091-03
EARLIER APPLICATION NUMBER: 09/389,566
EARLIER FILING DATE: 1999-09-03
EARLIER FILING DATE: 1999-09-03
EARLIER FILING DATE: 1997-05-14
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PASSED for Windows Version 4.0
SEQ ID NO 19
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
PEATTNEE:
PEATTNEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.7%; Score 11.8; DB 1; Length 15; Best Local Similarity 86.7%; Pred. No. 2.5e+02; Matches 13; Conservative 0; Mismatches 2; Indels
     Length 15;
                                                        Indela
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SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INCRMATION:
APPLICANT: LUO, Shun
TITLE OF INVENTION: CD16-II VARIANTS
NUMBER OF SEQUENCES: 25
CORRESSPRONDENCE ADDRESS:
ADDRESSEE: RROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
Query Match 0.7%; Score 11.8; DB 1; Best Local Similarity 86.7%; Pred. No. 2.5e+02; Matches 13; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                 RESULT 566
18-09-495-140-19
Sequence 19, Application US/09495140
Patent No. 6376182
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US-08-433-123-11/c
; Sequence 11, Application US/08433123
; Patent No. 6444789
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Sequence 6, Application US/08086915
Patent No. 544167
GENERAL INFORMATION:
APPLICANT: Pettersson, Kim SI
TITLE OF INVENTION: Variant Luteinizing Hormone Encoding DNA
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Address:
ADDRESSEE: Address: Address:
ATTREET: 1140 Connecticut Avenue, N.W., Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Washington
CITY: Washington
CITY: U.S.A.
ZIP: Z0036
COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/086,915
FILING DATE: 07-JUL-1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match

0.7%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Kubovcik, Ronald J.
REGISTRATION NUMBER: 25,401
REFERENCE DOCKET NUMBER: 15973005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-467-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1507 GCACCCGCTGGGCAT 1521
                                                                           173 CTGCTGCTAGTCCTC 187
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-586-376-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ;
US-08-086-915-6
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| Sequence 22, Application US/08433123
| Patent No. 644789
| GENERAL INPORMATION:
| APPLICAN: LUO, Shun
| TILL OF INVENTION: CD16-II VARIANTS
| NUMBER OF SEQUENCES: 25
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: BROWDY AND NEIMARK
| STREET: 419 Seventh Street, N.W., Suite 300
| CITY: Washington STARE: D.C.
| COUNTRY: USA
| ZIP: 20004
| ZIP: PASDABLE FORM:
| MEDIUM TYPE: Floppy disk
| COMPUTER: IBM PC COMPatible
| OPERATING SYSTEM: PC-DOS/MS-DOS
| SOFTWARE: PatentIn Release #1.0, Version #1.30
| CURSIPLICATION NUMBER: US/08/433,123
| FILING DATE: COMPUTER: LUO-2
| CLASSIPLICATION NUMBER: LUO-2
| REGISTRATION INFORMATION: REPREMENCE POCKET NUMBER: LUO-2
| TELEPHONE: 202-628-5197
| TELEFPANE: 2202-737-3528
| TELEFANE: 248633
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match

0.7%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match

0.7%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2;
APPLICATION NUMBER: US/08/433,123
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGET L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: LUO-2
TELEPHONE: 202-629-5197
TELEFRA: 202-737-3528
TELEFRA: 202-737-3528
TELEFRA: 202-737-3528
TELEFRA: 24863
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-433-123-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-737-3528
TELEFAX: 248633
INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS: LENGTH: 15 Base pairs TYPE: mucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                173 CTGCTGCTAGTCCTC 187
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; MOLECULE TYPE: cDNA
US-08-433-123-22
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US-08-433-123-22
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APPLICANT: Weber, James L.
TITLE OF INVENTION: (LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (LOC dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSED: Deflitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
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                                                                                                                                                                                                                                                                                                                            COUNTRY: WIGHER COUNTRY: USA
ZIP: $3717-1914
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURSENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-198
FILING DATE: 12-APR-198
FILING DATE: SACON TOWNER: US 07/341,562
FILING DATE: SACON TOWNER: US 07/341,562
FILING DATE: SACON TOWNER: US 07/341,562
FILING DATE: THOORMATION:
NAME: SACON COMPACT NUMBER: 0965.601
TELEPHONE: (608) 831-2100
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 573
US-08-166-664-10/c
; Sequence 10, Application US/08166664
; Patent No. 5646020
; GENERAL INFORMATION:
; AAPLICANT: James A. McSwiggen
APPLICANT: James A. McSwiggen
ITILE OF INVENTION: HAMMERHEAD RIBOZYMES FOR
; TITLE OF INVENTION: PREFERRED TARGETS
; NUMBER OF SEQUENCES: 21
; CORRESSED: LYON & LYON
ADDRESSED: LYON & LYON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
ODFFATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordberfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: Lyon & Lyon
611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-222-177A-439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 cacacacacacacac
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 611 West Si
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    엄
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                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.7%; Score 11.8; DB 1; Length 16; 86.7%; Pred. No. 3e+02; ive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: PROCKOP, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Horvaniemi, Pertri
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Anad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
                      Query Match
0.7%; Score 11.8; DB 1; Length 1
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM;

REDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION WUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEX/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 150:
SEQUENCE GRARACTERISTICS:
LENGTH: 16
TELENTH: 16

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US-08-222-177A-439
; Sequence 439, Application US/08222177A
; Patent No. 5582979
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 150, Application US/07977284A Patent No. 5558988 GENERAL INFORMATION:
                                                                                                                                                                 1293 GCCTGGCGCACGCGC 1307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              561 AGTCTCTGCACTACG 575
                                                                                                                                                                                                                                   1 GCCTGCAGCACGCGC 15
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Matches 13; Conservative
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STANDEDNESS: SINGLE
TOPOLOGY: LINEAR
NATI-SENSE: NO
US-07-977-284A-150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: PA
COUNTRY: US
ZIP: 19103
                                                                                                                                                                                                                                                                                                                                   RESULT 571
US-07-977-284A-150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ઠે
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Gaps

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ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
                                                                                    97:
                                                                                                                                                                                                                                                                                                                                     1229 CTGGCCTCGTGCTAC 1243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (213) 489-1600
(213) 955-0440
                                                       TELEX: 904136;
INFORMATION FOR SEQ ID NO: 9;
SEQUENCE CHARACTERISTICS;
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
;
TOPOLOGY: linear
US-08-137-1170-97
                                                                                                                                                                                                                                                                                                                                                                            15 Creecercertries 1
                                                                                                                                                                                                                                                                    Best Local Similarity 86.73
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear
US-08-367-069-10
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                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1; Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: TSUCHIYA, Masayuki
APPLICANT: SATO, Koh
APPLICANT: JONES, Steven
APPLICANT: JONES, Steven
APPLICANT: SALDANHA, JOSES, Steven
TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR
TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CUUNTER: D.C.

ZIP: Z007-5109

COMPUTER READABLE PORM:

MEDIUW TYER: T-Doppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/137,117D

FILING APPLICATION 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/JP92/00544

FILING DATE: 24-APR-1992

PRIOR APPLICATION NUMBER: PT 4.32084

FILING APPLICATION NUMBER: D4 -32084

FILING APPLICATION NUMBER: D5 -35476

FILING APPLICATION NUMBER: D3 3-95476

FILING APPLICATION NUMBER: D3 3-95476

FILING APPLICATION NUMBER: D3 3-95476

FILING APPLICATION NUMBER: S3.258

REGISTRALIAN HAROLD C.

REGISTRALIAN NUMBER: 25,258

REFERENCE/DOCKET NUMBER: 53,258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.7%; Score 11.8; Di
Best Local Similarity 86.7%; Pred. No. 3e+0:
Matches 13; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: Foley & Lardner STREET: 3000 % Street, N.W., Suite 500 CITY: Washington SATE: D.C. COUNTY:
               CLASSIFICATION: 435
PRIOR APPLICATION 1435
PRIOR APPLICATION DATA:
PRIDING DATE:
ATTORNEY/AGENT INPORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 197/062
TELECOMMUNICATION INPORMATION:
TELEPONE: (213) 489-1600
TELEFAX: (213) 489-1600
TELEFX: 67-3510
TELEFX: 67-3510
TELEX: 67-3510
TELEX: CHARATERISTICS:
LENGTH: 16
TENGTH: 16
APPLICATION NUMBER: US/08/166,664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 574
US-08-137-117D-97/c
; Sequence 97, Application US/08137117D
; Patent No. 579596;
; Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              830 GCGGACGACCAGGGC 844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   15 GCGGACGACGAGGAC 1
                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-166-664-10
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Gaps
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0
0.7%; Score 11.8; DB 1; Length 16; 86.7%; Pred. No. 3e+02; tive 0; Mismatches 2; Indel8
                                                                                                                                                                                                                                                                                                     US-08-367-069-10/c

Sequence 10, Application US/08367069

Patent No. S811538

GENERAL INFORMATION:

APPLICANT: Timothy A. Riley

APPLICANT: Mark A. Reynolds

APPLICANT: Lloyd R. Sinyder

APPLICANT: ROBERT E. Klem

TITLE OF INVENTION: IMPROVED PROCESS FOR THE

TITLE OF INVENTION: IMPROVED

TITLE OF SEQUENCES:

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZOUNTIER READABLE FORM:

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.5" Diskette, 1.44 Mb
SOFFWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,069
FILING DATE: December 30, 1994
CLASSIFICATION DATA: Gescribed below:
PRIOR APPLICATION DATA: Gescribed below:
APPLICATION NUMBER: 08/176,851
FILING DATE: 30 December 1993
CLASSIFICATION: 30 December 1993
CLASSIFICATION: 30 December 1993
CLASSIFICATION: 30 DECEMBER: 30,158
REGISTRATION: NUMBER: 310/209
REFERENCE/DOCKET NUMBER: 310/209
TELECOMMUTICATION: THE DECOMMATION:
TELECOMMUTICATION INFORMATION:
TELECOMMUTICATION INFORMATION:
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Gaps
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| Sequence 3, Application US/08574586 |
| Sequence 3, Application US/08574586 |
| Patent No. 5837512 |
| GENERAL INFORMATION: ArnoldRichard B. APPLICANT: Lin, Hein-Ching APPLICANT: Bodkin, Marion APPLICANT: Bodkin, Marion APPLICANT: Botkin, Marion APPLICANT: Strair, Roger |
| TITLE OF INVENTION: Pumor Cells |
| TITLE OF INVENTION: Pumor Cells |
| CORRESPONDENCE ADDRESSE: Law Offices |
| STREET: 758 Springfield avenue |
| CORRESSE: Law Offices |
| CORRESSE: Law Off
                                                                                                                                                                                                    APPLICANT: Rabon, ArnoldRichard B.
APPLICANT: Rabon, ArnoldRichard B.
APPLICANT: Bodkin, Marion
APPLICANT: Bodkin, Marion
APPLICANT: Strair, Roger
TITLE OF INVENTION: Selective Biological Destruction of
TITLE OF INVENTION: Tumor Cells
NUMBER OF SEQUENCES: 8
CORRESPONDENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices
STREET: 758 Springfield avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.7%; Score 11.8; DB 1; Length 16;
86.7%; Pred. No. 3e+02;
live 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPRAING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/574,586
FILING DATE: 14-DEC-1995
CLASSIFICATION: 514
ATCRNEY/AGENT INFORMATION:
NAME: Muccino, Richard R.
REGISTRATION NUMBER: 32,538
REFERENCE/DOCKET NUMBER: UND1-026cip
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1908-273-4679
                                                                                                         Sequence 3, Application US/08574586 Patent No. 5837512 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 86.7°
Matches 13, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NJ
STATE: NJ
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ALC...
STREET: /...
--TV: Summit
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                                                                                Gaps
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   Score 11.8; DB 1; Length 16; Pred. No. 3e+02;
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0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: TSUCHIYA, Masayuki
APPLICANT: SATO, Koh
APPLICANT: SATO, Koh
APPLICANT: SATO, Koh
APPLICANT: SALONIG, Mary
APPLICANT: JONES, Steven
APPLICANT: JONES, Steven
APPLICANT: SALDANHA, JOSE
TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Poley & Lardner
STREET: 3000 K Street, N.W., Suite 500
                                                                        2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: DEADLICATION DATA:
APPLICATION NUMBER: US/08/436,717
FILING DATE: 20-DEC-1993
APPLICATION NUMBER: WO PCT/JP92/00544
FILING DATE: 20-DEC-1993
APPLICATION NUMBER: WO PCT/JP92/00544
FILING DATE: 19-FEB-1992
APPLICATION NUMBER: UP 4-32084
FILING DATE: 19-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UP 3-95476
FILING DATE: 25-APR-1991
ATTORNEY/AGENT INPORMATION:
NAME: WEGNER, HARVIG C.
                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              53466/126/AAOK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SSEE: Foley & Lardner
1: 3000 K Street, N.W., Suite 500
Washington
                                                                                                                                                                                                                                                                                                                                                                               Sequence 97, Application US/08436717
Patent No. 5817790
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: WEGNER, Harold C. REGISTRATION NUMBER: 25,258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1229 CTGGCCTCGTGCTAC 1243
Query Match
Best Local Similarity 86.7%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 904136
INFORMATION FOR SEQ ID NO: 9° SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER:
                                                                                                                                             15 GAGGGAGAGAGCGAG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
                                                                                                                                                                                                           15 GAGAGAGAGAGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 20007-5109
                                                                                                                                                                                                                                                                                                                                                  US-08-436-717-97/c
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COUNTRY: U
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ATTORNEY/AGENT INFORMATION:
NAME: CITARLES A. WISERLIAN
REGISTRATION NUMBER: 19,681
; REPERENCE/DOCKET NUMBER: 410.0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8000
; TELEFAX: (212) 661-8000
; TELEFAX: (212) 661-8001
; SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNES: single
; TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-256-568B-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Kenneth D.
REGISTRATION NUMBER: 30,460
REFRENCE/DOCKET NUMBER: UTSC.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/787-1460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                478 GGCCATCTCGGTGAT 492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS. LENGTH: 16 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 86.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16 GGTCATCTCGGCGAT 2
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Matches 13; Conserv
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                                                COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/574,586
FILING DATE: 14-DEC-1995
CLASSIFICATION: SICHARATION:
NAME: Muccino, Richard R.
REFERENCE, POCKET NUMBER: UMD1-026cip
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: mucleic acid
TYPE: mucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 579
US-08-256-568B-42/C
; Sequence 42, Application US/08256568B
; Patent No. 5846704
; PATENT NO. 5846704
; APPLICANT: MAERTENS, GERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERVAN & MUSERLIAN
STREET: 600 THIRD AVENUE
; STREET: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA

ZIP: 10016

COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: EN PC compatible
COMPUTER: ISM PC compatible
COMPUTER: SACII
COMPUTER: SACII
COMPUTER: US PC COMPATIBLE
COMPUTER: US PC COMPATIBLE
COMPUTER: US PC COMPATIBLE
COMPUTER: US PC COMPATIBLE
COMPATE: 18-UUL-1994
FILING DATE: 18-UUL-1994
FILING DATE: 18-UUL-1994
FILING DATE: 26-NOV-1993
FILING DATE: 31-AUG-1993
FILING DATE: 31-AUG-1993
FILING DATE: 21-NOV-1992
FILING DATE: 27-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA (genomic);
HYPOTHATICAL: NO;
ANTI-SENSE: NO
US-08-574-586-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              89 CGCGCGCACTCGCGC 103
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Sequence 1, Application US/08520385

Sequence 1, Application US/08520385

Sequence 1, Application US/08520385

Sequence 1, Application US/08520385

APPLICANT: Lopez-Berestein, Gabriel
APPLICANT: Lopez-Berestein, Gabriel
APPLICANT: Lopez-Berestein, Gabriel
APPLICANT: Lai, Ana M.
TITLE OF INVENTION: LIOSPHOROTHIOATE, AND p-ETHOXY OLIGONUCLECTIDES
NUMBER OF SEQUENCES: 3
CORRESPENDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STRET: 750 Bering Dr., Ste. 400
0.7%; Score 11.8; DB 1; Length 16;
86.7%; Pred. No. 3e+02;
                                                     2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Houston
STATE: TX
COMPUTER TEADABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Day Disk
COMPUTER: Ploppy Disk
COMPUTER: ParentIn Release #1.0, Version #1.30
CURRANE: PatentIn Release #1.0, Version #1.30
CURRANE: PAPLICATION DATA:
APPLICATION NUMBER: US/08/520,385
FILING DATE:
CLASSIFICATION: 424
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Pred. No. 3e+02;
                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

MYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-520-385-1
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     561 AGTOTOTGCACTACG 575
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Matches 13, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
                                                                  ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUCLEIC ACID
                    Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-256-426B-150
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   Gaps
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Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
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0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
Indels
                                                                                                                                                                                                                                                                                                                                         STALE.

COUNTRY: US

ZIP 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

CURRENT APPLICATION NUMBER: US/08/432,871C

FILING DATE: 02-MAY-1995

TOWNATION:

TOWNATION:

TOWNATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-ckoko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Ritvaniemi, Perti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Abmad, Nilofer Nina
APPLICANT: Abmad, Nilofer Nina
APPLICANT: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
                                                                                                                                                                                GENERAL INPORMATION:
APPLICANT: Loeb, Lawrence A.
APPLICANT: Loeb, Lawrence A.
APPLICANT: Loeb, Lawrence A.
APPLICANT: Loeb, Margaret E.
TITLE OF INVENTION: THYNIDINE KINASE MUTANTS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 150, Application US/08256426B
Patent No. 5948611
                                                                                                                  RESULT 581
US-08-432-871C-52/c
; Sequence 52, Application US/08432871C
; Patent No. 5877010
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                                                                  1 GAAGGGCTTCTGCGT 15
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13; Conservative
                                                                                                                                                                                                                                                                                                                            CITY: Seattle
STATE: Washington
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear US-08-432-871C-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE
ADDRESSEE: W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 582
US-08-256-426B-150
Matches
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APPLICANT: Arnold, Layle J.
APPLICANT: Arnold, Layle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLIGOMERS
FILE REPRENCE: GENTA.020FW2
CURRENT APPLICATION NUMBER: 08/343,018
EARLIER PILING DATE: 1997-06-30
EARLIER PILING DATE: 1997-11-21
EARLIER PILING DATE: 1997-11-6
NUMBER: OW/154,013
EARLIER PILING DATE: 1993-11-16
NUMBER: OW/154,013
EARLIER PILING DATE: 1993-11-16
SOUTWARE: FastSEQ for Windows Version 3.0
SOTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.7%; Score 11.8; DB 1; Length 16;
86.7%; Pred. No. 3e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CTHER INFORMATION: Chemically synthesized oligomer US-08-885-126-7
COMPUTER KEALPADE FOURTY

COMPUTER: DISKETTE, 3.5 INCH
COMPUTER: ENCOMPATIBLE
COMPUTER: ENCOMPATIBLE
COMPUTER: ENCOMPATIBLE
COMPUTER: ENCOMPATIBLE
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0/977,284
FILING DATE: 13-NOV-1992
ATTORNEY AGENT INPORMATION:
NAME: MARK Define
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TUU-1082
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TUU-1082
TELECOMMUNICATION INPORMATION:
BENGTH: 16
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-885-126-7/c
; Sequence 7, Application US/08885126A
; Patent No. 5555597
; GENERAL INFORMATION:
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FILING DATE: 29-AUG-1995
ATTORNEY/AGENT INCRMATION:
NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTSC:433-1
TELECOMMUNICATION INFORMATION:
TELEFAN: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR EGQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYRE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
          US 08/520,385
                                                                                                                                                                                                                                                                                                                    OLECULE TYPE: DNA (genomic)
AVPOTHETICAL: NO ANTI-SPACE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: CDNA to mRNA US-08-941-445A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     898 GAAGGICITCTACGT 912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 czaccircrecer 15
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STRANDEDNESS: double
TOPOLOGY: not relevant
          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                  ; ANTI-SENSE: YES
US-09-112-869-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 586
US-08-941-445A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: C
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APPLICANT: LOPE-Berestein, Gabriel
APPLICANT: LOPE-Berestein, Gabriel
APPLICANT: LOPE-Berestein, Gabriel
APPLICANT: LOPE-BERESTER,
TITLE OF INVENTION: DIPOSOMAL PHOSPHODIESTER,
TITLE OF INVENTION: DIPOSOMAL PHOSPHODIESTER,
TITLE OF INVENTION: DIPOSOMAL PHOSPHODIESTER,
ADDRESSER: ALTOIG, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STREET: P.O. Box 4433
CITY: Houston
STREET: P.O. Box 4433
COUNTY: USA
ZIP: 77210-4433
COUNTY: USA
ZIP: 77210-4433
COUNTY: USA
ZIP: 77210-4433
COUNTY: READABLE FORM:
MEDIUM TYPE: PLOPS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/112,869
FILING DATE: 09-JUL-1998
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                       Sequence 8, Application US/08885126A

Batent No. 595597

GENERAL INFORMATION:
APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Riley, Timothy A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLIGOMERS
FILE REPERENCE: GENTA, 020FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER PILING DATE: 1994-11-21
SARLIER PILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSRQ for Windows Version 3.0

LENGTH: 16
Query Match 0.7%; Score 11.8; DB 1; Length 16; Best Local Similarity 86.7%; Pred. No. 3e+02; Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.7%; Score 11.8; DB 1; Length 16; Best Local Similarity 86.7%; Pred. No. 3e+02; Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-112-869-1
; Sequence 1, Application US/09112869
; Patent No. 6042846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                              15 GAGGGAGAGAGCGAG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              15 GAGGGAGAGAGCGAG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 GAGAGAGAGAGAG 16
                                                                                                                                              15 GAGAGAGAGAGAGA 1
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                                                      Gaps
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0
  DB 1, Length 16; 3e+02;
                                                 Indels
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MEDIUM TYPE: Ploppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PTILING DATE: 30-SEP-1997
CLASSIFICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 89-97
FELECOMMUNICATION INFORMATION:
REGISTRATION NUMBER: 89-97
TELEFRAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                     Sequence 28, Application US/08941445A.
Patent No. 6107060
GENERAL INFORMATION:
APPLICANT: Keeling, Peter
TITLE OF INVENTION: Starch Encapsulation
TITLE OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
CITY: Boulder
Query Match
0.7%; Score 11.8; D
Best Local Similarity 86.7%; Pred. No. 3e+0
Matches 13; Conservative 0; Mismatches
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**Page 207** 

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COUNTRY: US
ZIP: 02109
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STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-814-412-9
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                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 16, Application US/08611587

Batent No. 6150091

GENERAL INFORMATION:
APPLICANT: PANDOLFO, MASSIMO
APPLICANT: MONTEMINI, LAURA
APPLICANT: MONTEMINI, LAURA
APPLICANT: MOSTO, MARIA D.
APPLICANT: Campusano, Victoria
APPLICANT: Cossee, Mireille
ITTLE OF INVENTION: Direct Diagnosis of Friedreich Ataxia
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSER: Fullright & Jaworski L.L.P. Patent Dept.
STREET: 1301 McKinney, Suite 5100
Query Match 0.7%; Score 11.8; DB 1; Length 16; Best Local Similarity 86.7%; Pred. No. 3e+02; Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.7%; Score 11.8; DB 1; Length 16;
86.7%; Pred. No. 3e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY:
STATE: TEXAL
COMPUTER: TEXAL
COMPUTER READABLE FORM:
MEDIUM TYPE: FLORM:
MEDIUM TYPE: FLORM disk
COMPUTER: ELORGY disk
COMPUTER: ELORGY MISH
COMPUTER: DATE: PAC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/611,587
FILING DATE: 03-MAR-1996
CLASSIFICATION NUMBER: 38,087
REGISTRATION NUMBER: 38,087
REFRENCE/DOCKET NUMBER: 38,087
REFRENCE/DOCKET NUMBER: 38,087
TELECOMMUNICATION INFORMATION:
TELE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 588
US-08-814-412-9/c
'Sequence 9, Application US/08814412
'Parent No. 6150141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 713-651-5246
TELEX: 76-2829
INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS: LENGTH: 16 base pairs TYPE: mucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1345 CGGGGACAGCGGCGG 1359
                                                                                                                                                                                                                          15 GAGGGAGAGAGCGAG 29
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Best Local Similarity 86.7
Matches 13; Conservative
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POSITION IN GENOME:
US-08-611-587-16
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TILICANT AGAINTENT OF THE AGAINT A.

TILICANT AGAINTENT OF INVENTION: Intron-Weddard Techniques and Resgents
CORRESPONDENCE ADDRESS: 4
CORRESPONDENCE ADDRESS: 4
CORRESPONDENCE ADDRESS: 4
CORREST: 95 State Street
STATE: BEST CORPUTATION: 482
CORPUTER: 128 FC COMPAILED BORN:
MEDINATER: 128 FC COMPAILED BORN:
MANE: 30 STEATH OF 128 FC COMPAILED BORN:
MANE: 30 STEATH OF 128 FC COMPAILED BORN:
MANE: 128 FARTHON: 128 FC COMPAILED BORN:
MANE: 128 FC COMPAILED FORM:
MANE: 128 FC COMPAILED FC COMPAILED FORM:
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Gaps
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Fatent No. 6279381

GENERAL INFORMATION:
FAPPLICANT: Tu, Guang-Chou

APPLICANT: Tarael, Yedy

ITILE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF

ITILE OF INVENTION: EFFECTION ANTISENSE OLIGONUCLEOTIDES

FILE REFERENCE: 9855-3U

CURRENT APPLICATION NUMBER: 05/09/109,663

CURRENT PILING DATE: 1998-07-03

EARLIER PILING DATE: 1997-07-03

NUMBER OF SEQ ID NOS: 81

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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105.09-411-66.29-21/c
; Sequence 21, Application US/09411862A
; Setuent No. 6348583
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-THIOETHER)
; TITLE OF INVENTION: SULFOXIDE) AND POLY(ETHER-SULFONE) NUCLEIC
                                                                                                                                                                                                                                                                                      .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: Description of Artificial Sequence: Known ; OTHER INFORMATION: Effective ASO US-09-109-663-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSE: Sol Sheinbein c/o Anthony Castorina STREET: 2001 Jefferson Davis Highway, Suite 207 CITY: Arlington STATE: Virginia CUNTRY: United States of America ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk COMPUTER: Twinhead* Slimnote-890TX
OPPERATING SYSTEM: MS DOS version 6.2,
                                                                                                                                                                                                                             Query Match

0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.7%; Score 11.8; DB 1; Length 1
86.7%; Pred. No. 3e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                   478 GGCCATCTCGGTGAT 492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           805 GAGCCCCGGGGACCG 819
                                                                                                     genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GATCCCCGGGTACCG 15
                                                                                                                                                                                                                                                                                                                                                                               16 GGTCATCTCGGCGAT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13; Conservative
             16 base pairs
                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                         , orouggy: linear

; MOLECULE TYPE: genomi

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-09-038-3698-42
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Matches 13; Conserv
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LENGTH: 16
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0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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Sequence 42, Application US/09038369B

Sequence 41, Application US/09038369B

GENERAL INCRMATION:
APPLICANT: MAERTENS, GERT; STUTVER, LIEVEN;
APPLICANT: ROSSAN, RUDI; VAN HEUVERSWYN, HUGO;
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN

STREET: GOO THIRD AVENUE
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE TOOKET NUMBER: 0079571-0040
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 248 5000
TELEPRAXION FOR SEQ 1000
INFORMATION POR SEQ 1D NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFUATION NUMBER: US/09/038,369B
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUJ-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 18-JUJ-1994
APPLICATION NUMBER: EP/03/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/03/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: EP/03/403,222.0
ATYONEY, AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
                                                                                                                                                                                                                                                                       TOPOLGGY: not relevant
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "RNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      772 GGAGCAGGGCGGCAC 786
                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
CLONE: PY7 exon sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16 GGAGCAGTCCGGCAC 2
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TELEPAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                  SS: single
not relevant
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NEW YORK
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GENERAL INFORMATION:
APPLICANT: Schnable, Patrick S.
APPLICANT: Schnable, Patrick S.
APPLICANT: Schnable, Patrick S.
APPLICANT: Liu, Feng
APPLICANT: Liu, Feng
APPLICANT: Lou, Feng
APPLICANT: Lou, Feng
APPLICANT: Piu, Yan
TITLE OF INVENTION: NUMBER: US,09/732,990
CURRENT FILING DATE: 2000-12-08
FILOR APPLICATION NUMBER: US,60/169,725
PRIOR APPLICATION NUMBER: US,60/169,725
PRIOR PAPLICATION NUMBER: US,60/169,725
PRIOR FILING DATE: 1999-12-08
NUMBER OF SEQ ID NOS: 15
SOFTWARES: FastSEQ for Windows Version 4.0
SEQ ID NO S.
LENGTH: 16
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                                                                                                                                                                                                                                                          0.7%; Score 11.8; DB 1; Length 16; 86.7%; Pred. No. 3e+02; tive 0; Mismatches 2; Indels
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86.7%; Pred. No. 3e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: SEED and BERRY LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:

COTHER INFORMATION: Synthetically generated linker
US-09-732-990-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-270-956-52/c
; Sequence 52, Application US/09270956
; Patent No. 6451514
; GENERAL INFORMATION:
APPLICANT: Loeb, Lawrence A.
APPLICANT: Black, Margaret B.
TITLE OF INVENTION: THYMIDINE KINASE MUTANTS
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
                                                                                                            TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-411-862A-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5, Application US/09732990
Patent No. 6428961
  TELEFAX: 972-3-6127575
TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      168 GATGTCTGCTGCTAG 182
                                                                                                                                                                                                                                                                                                                                                        15 GAGGGAGAGAGCGAG 29
                                                                                                                                                                                                                                                                                                                                                                                               1 GAGAGAGAGAGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15 GATATCTGCAGCTAG 1
                                                                                                                                                                                                                                                                                                           13; Conservative
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CITY: Seattle
STATE: Washington
COUNTRY: US
                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
nes 13; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 594
US-09-732-990-5/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
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Best Local S
Matches 13
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Sequence 22, Application US/09411862A
Patent No. 6348583
GENERAL INFORMATION:
APPLICANT: David Segev
TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-SULFONE) NUCLEIC
ACIDS
                                                                                 APPLICATION NUMBER: US/09/411,862A
FILING DATE: 04-Oct-1999
CLASSIFICATION: -(Uknown>
FRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/384,995
ATTORNEY/AGDAT INFORMATION:
NAME: Sol Sheainbein
REGISTRATION NUMBER: 25,457
REFECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
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APPLICATION DATA:
APPLICATION NUMBER: 09/384,995
FILING DATE: 20 AUG 1999
ATTORNEY AGENT INFORMATION:
NAME: Sol Sheinbein
REGISTRATION NUMBER: 25,457
REFERRENCE/DOCKET NUMBER: 00/20719 (previously 513/13)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6127676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

COMPUTER: L.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
Mindows version 3.11
SOFTWARE: Word for Windows version 2.0 converted to
                 SOFTWARE: Word for Windows version 2.0 converted to an ASCI file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSES: Sol Sheinbein c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
CITY: Arlington
Windows version 3.11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/411,862A
FILING DATE: 04-Oct-1999
CLASSIFICATION: <UNKNOWT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Virginia COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear SEQ ID NO: 21: US-09-411-862A-21
                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 972-3-6127575
TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
                                            an ASCI fi
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15 GAGGGAGAGAGCGAG 29
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US-09-411-862A-22
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Gaps

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86.7%; Pred. No. 3e+02;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI, VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <URNCOMPANION ADATA:
APPLICATION NUMBER: US/09/378,900
FILING DATE: CURROWN>
APPLICATION NUMBER: PS/3/402,129.6
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: PF/3/403,222.0
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19, 683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFRAX: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 42:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 42, Application US/09899044; Patent No. 6548244; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               478 GGCCATCTCGGTGAT 492
                                                                                                                                                                                                              TOPOLGGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-378-900A-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 97
                        TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16 GGTCATCTCGGCGAT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 86.7
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: NEW YORK COUNTRY: USA
                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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SOFTWARE: Patentin Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/270,956
FILING DATE: 1.7-MAR-1999
CLASSIRICATION: 435
ATTONEY/AGENT INFORMATION:
NAME: MCMaters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.409C3
REGISTRATION NUMBER: 240052.409C3
RELEFRONCE/DOCKET NUMBER: 240052.409C3
FILLERAX: (206) 622-4900
TELEFRAX: (206) 622-4900
TELEFRAX: (206) 622-6031
TELEFAX: (206) 82-6031
TELEFAX: (206) 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 596
US-09-379-900A-42/C

i Sequence 42, Application US/09378900A

i Sequence 42, Application US/09378900A

i Settent No. 6495670

i GENERAL INFORMATION:
APPLICANT: MAERTENS, GEBRT; STUYVER, LIEVEN,
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: ISOLATES
ITLE OF INVENTION: ISOLATES
INVERTE OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSES: BIERMAN & MUSERLIAN
ADDRESSES:
ADDRESSES: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 11.8; DB
Pred. No. 3e+02
0; Mismatches
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COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EAPLOSH PC-DOS/MS-DOS
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
FILING DATE: 31-AUC-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUC-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUC-1993
ATTORNEY AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
RECIERROCADOUNCET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 10.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 86.7%;
Matches 13; Conservative (
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STREET: 600 CITY: NEW YORK
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APPLICANT: ALCONOMENT CONTRIBUTION OF THE CONT
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| Sequence Soly, Application US/09371772B
| Patent No. 6566127
| GENERAL INFORMATION:
| APPLICANT: Ribozyme Pharmaceuticals, Inc.
| APPLICANT: Roswiggen, Jim
| APPLICANT: Schooled, Jaime
| TITLE OF INVENTION: Devels of Vascular Endothelial Growth Factor Receptor
| TITLE OF INVENTION: Devels of Vascular Endothelial Growth Factor Receptor
| FILE REFERENCE: MBHB00, 876-J (237/198)
| CURRENT APPLICATION NUMBER: US/09/371,772B
| CURRENT APPLICATION NUMBER: US 60/005,974
| PRIOR FILING DATE: 1995-10-26
| PRIOR FILING DATE: 1995-01-08
| NUMBER OF SEQ ID NOS: 14225
| SOFTWARE: PatentIn Version 3.0
| SEQ ID NO 5917
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                                           Query Match
0.7%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2;
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US-09-371-772B-5656
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Sequence 5646, Application US/09371772B
Sequence 5646. Application US/09371772B
Setent No. 6566127
GENERAL INFORMATION:
APPLICANT: Rabosyme Pharmaceuticals, Inc.
APPLICANT: Baveo, Pam Jam
APPLICANT: Escobedo, Jam
APPLICANT: Escobedo, Jam
APPLICANT: Escobedo, Jame
APPLICANT: Branch On Jame
APPLICANT: Escobedo, Jame
APPLICANT: StinchComb, Dan
APPLICANT: 1990-10, 20, 237/198)
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT FILING DATE: 1999-10-10
PRIOR APPLICATION NUMBER: US 60/005, 974
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARRE: PatentIn version 3.0
FEAST IN NO 5646
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Sequence 5650, Application US/0937172B

Patent No. 6566127

GENERAL INPORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Bacco, Pam

APPLICANT: Baccobedo, Jaime

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Baccobedo, Jaime

FILE REFERENCE: MHHB00, 976-7 (2371,98)

CURRENT APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR FILING DATE: 1995-10-26

PRIOR FILING DATE: 1995-01-08

NUMBER OF SEQ ID NOS: 14225

SEQ ID NO SEQ ID NOS: 14225

LENGTH: 16
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                                                                   0.7%; Score 11.8; DB 1; Length 16; 86.7%; Pred. No. 3e+02; tive 0; Mismatches 2; Indels
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86.7%; Pred. No. 3e+02;
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                                                                                                                                                                                                                              478 GGCCATCTCGGTGAT 492
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                                                                                                                                                                                                                                                                                                 16 GGTCATCTCGGCGAT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 86.7<sup>7</sup>
Matches 13, Conservative
                                                                                                           Best Local Similarity 86.7
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5646
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; ORGANISM: Homo sapiens
US-09-371-772B-5650
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US-09-371-772B-5646
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US-09-371-772B-5650
US-09-899-044-42
                                                                           Query Match
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